

Title (en)
ELEVATOR DOOR DEVICE

Title (de)
AUFZUGSTÜRVORRICHTUNG

Title (fr)
DISPOSITIF DE PORTE D'ÉLÉVATEUR

Publication
EP 2157040 B1 20150107 (EN)

Application
EP 07744938 A 20070608

Priority
JP 2007061618 W 20070608

Abstract (en)
[origin: EP2157040A1] In an elevator door apparatus, an engaging apparatus that engages with a first landing door is disposed on a first car door. The engaging apparatus completes engagement with the first landing door and starts a door opening action of the first car door and the first landing door when a power transmitting body moves by a predetermined amount during door opening commencement. A car door coupling mechanism that is connected to the power transmitting body is disposed on a second car door. The car door coupling mechanism transmits movement of the power transmitting body to the second car door and starts a door opening action of the second car door when the power transmitting body moves by the predetermined amount during door opening commencement.

IPC 8 full level
B66B 13/12 (2006.01)

CPC (source: EP KR)
B66B 13/12 (2013.01 - EP KR); **B66B 13/16** (2013.01 - KR); **B66B 13/20** (2013.01 - KR)

Cited by
EP2168902A4; CN106698124A; US11247872B2; US11572254B2; US11254542B2; US11332346B2

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 2157040 A1 20100224; **EP 2157040 A4 20140326**; **EP 2157040 B1 20150107**; CN 101663224 A 20100303; CN 101663224 B 20120718; JP 5047281 B2 20121010; JP WO2008149456 A1 20100819; KR 101180204 B1 20120905; KR 20100005078 A 20100113; WO 2008149456 A1 20081211

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EP 07744938 A 20070608; CN 200780052802 A 20070608; JP 2007061618 W 20070608; JP 2009517672 A 20070608; KR 20097021454 A 20070608