

Title (en)  
ELEVATOR DOOR DEVICE

Title (de)  
AUFZUGSTÜRVORRICHTUNG

Title (fr)  
DISPOSITIF DE PORTE D'ÉLEVATEUR

Publication  
**EP 2157040 A4 20140326 (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)

Citation (search report)

- [XA] WO 2005123562 A1 20051229 - YOO BYUNG-BAE [KR]
- [A] JP 2005170681 A 20050630 - INVENTIO AG & US 2005126861 A1 20050616 - BISANG DANIEL [CH], et al
- [A] JP 2001253671 A 20010918 - TOSHIBA CORP & DATABASE WPI Week 200171, Derwent World Patents Index; AN 2001-614287
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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)  
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DOCDB simple family (application)  
**EP 07744938 A 20070608**; CN 200780052802 A 20070608; JP 2007061618 W 20070608; JP 2009517672 A 20070608; KR 20097021454 A 20070608