

Title (en)
Sectional door

Title (de)
Sektionaltor

Title (fr)
Porte sectionnelle

Publication
EP 1462601 A3 20070829 (DE)

Application
EP 03026688 A 20031120

Priority
• DE 10312904 A 20030322
• DE 10349904 A 20031025

Abstract (en)
[origin: EP1462601A2] The door has a door panel (2) comprising multiple sections (3, 3') connected with one another in articulated manner. A weight equalization device (4) is configured as a torsion spring connected with a bottom section of the door panel. An electrical door drive (5) coupled to the door panel opens and closes movement of the door panel. A driven impeller engages in a guide rail and moves the door panel along the rails.

IPC 8 full level
E05F 15/16 (2006.01); **E06B 9/02** (2006.01); **E05D 15/24** (2006.01)

CPC (source: EP US)
E05D 15/24 (2013.01 - EP US); **E05F 15/67** (2015.01 - EP US); **E05F 15/676** (2015.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/656** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Citation (search report)
• [A] US 2015402 A 19350924 - ERHARD JOHANSON KARL
• [A] DE 20022292 U1 20010628 - RADEMACHER WILHELM [DE]
• [DA] EP 1176280 A1 20020130 - NOVOFERM GMBH [DE]
• [A] US 2064470 A 19361215 - HECKMAN JOHN A

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CN103352410A; EP3138983A1; WO2021144104A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1462601 A2 20040929; EP 1462601 A3 20070829; EP 1462601 B1 20180110; JP 2004285825 A 20041014; US 2004182528 A1 20040923; US 2006076114 A1 20060413; US 7048029 B2 20060523; US 8122933 B2 20120228

DOCDB simple family (application)
EP 03026688 A 20031120; JP 2004074845 A 20040316; US 28868205 A 20051129; US 75548504 A 20040112