

Title (en)
Door

Title (de)
Tor

Title (fr)
Porte

Publication
EP 1225292 A3 20100120 (DE)

Application
EP 02000808 A 20020114

Priority
DE 10101560 A 20010115

Abstract (en)
[origin: DE10101560A1] The door-leaf (10) consists of elements (12,14,16,18) behind each other and joined by means of links with axles running at right angles to the door-leaf's direction of movement. A guide-rail (20) arrangement guiding the door-leaf has a second section (22) running parallel with and at right angles to the leaf's opening position and leads, via a curved section (26), into a first section (24) horizontal and parallel with the door-leaf's opening position. Tractive force is exerted on the door-leaf by means of a traction mechanism (40) joined to the leaf. A counter-weight arrangement (30) forces the door-leaf into an opening position. An extra pre-tensioning arrangement (100) tensions that section of the traction mechanism running over a deflector element (48).

IPC 8 full level
E05D 13/00 (2006.01); **E05D 15/24** (2006.01); **E05F 15/684** (2015.01)

CPC (source: EP)
E05D 13/1261 (2013.01); **E05D 15/246** (2013.01); **E05F 15/684** (2015.01); **E05F 15/681** (2015.01); **E05Y 2201/654** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/668** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2600/456** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)
• [X] US 2651360 A 19530908 - REINHARDT JOHN P
• [X] US 2099191 A 19371116 - BLODGETT HERBERT C

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
EP 1225292 A2 20020724; EP 1225292 A3 20100120; DE 10101560 A1 20020718

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EP 02000808 A 20020114; DE 10101560 A 20010115