

Title (en)
GATE

Title (de)
TOR

Title (fr)
PORTAIL

Publication
EP 3695082 B1 20231122 (DE)

Application
EP 18786686 A 20180928

Priority
• DE 102017123498 A 20171010
• EP 2018076410 W 20180928

Abstract (en)
[origin: WO2019072589A1] The invention relates to a door comprising a door leaf, having a plurality of door leaf elements arranged behind one another in the door leaf movement direction and connected to one another in an articulated manner relative to joint axes running perpendicular to a predefined path, as well as comprising a guide rail assembly, a drive device coupled to the door leaf and a weight compensation device supporting the opening movement of the door leaf, characterised in that the polygon ratio of the radius of curvature of the curved section on an inner guide surface thereof to the height of at least one door element along a direction running perpendicular to the joint axes and approximately parallel to the predefined path is 0.6 or more, preferably 0.65, particularly preferably 0.665 or more, in particular approximately 0.68.

IPC 8 full level
E05D 15/24 (2006.01); **E05D 13/00** (2006.01); **E05D 15/22** (2006.01); **E05F 15/668** (2015.01)

CPC (source: EP RU)
E05D 13/1261 (2013.01 - EP RU); **E05D 15/24** (2013.01 - EP RU); **E05D 15/244** (2013.01 - EP RU); **E05F 15/668** (2015.01 - EP RU); **E05D 2015/225** (2013.01 - EP); **E05Y 2900/11** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202018103141 U1 20180612; DE 102017123498 A1 20190411; EP 3695082 A1 20200819; EP 3695082 B1 20231122; PL 3695082 T3 20240520; RU 2744129 C1 20210302; WO 2019072589 A1 20190418

DOCDB simple family (application)
DE 202018103141 U 20180605; DE 102017123498 A 20171010; EP 18786686 A 20180928; EP 2018076410 W 20180928; PL 18786686 T 20180928; RU 2020115170 A 20180928