

Title (en)  
Carriage and guide rail

Title (de)  
Fahrwerk und Laufschiene

Title (fr)  
Chariot et rail de guidage

Publication  
**EP 1748135 A3 20090520 (DE)**

Application  
**EP 06450103 A 20060721**

Priority  
AT 12422005 A 20050725

Abstract (en)  
[origin: EP1748135A2] The assembly set comprises a carriage for a door panel with support roller (21) running in a track (27,28). The support roller and track each have a profile for transferring forces designed so that when the roller is mounted on the track they contact one another at two contact areas (37) demarcated from one another along the periphery of the roller. The roller can have a U or V shaped inwardly arched profile. A second roller can have a profile which transfers no forces in the direction of the roller rotational axis.

IPC 8 full level  
**E05D 15/06** (2006.01)

CPC (source: EP)  
**E05D 15/063** (2013.01); **E05D 15/0652** (2013.01); **E06B 5/164** (2013.01); **E05Y 2800/416** (2013.01); **E05Y 2900/134** (2013.01)

Citation (search report)

- [XY] GB 1235655 A 19710616 - BECKETT LAYCOCK & WATKINSON [GB]
- [X] GB 1084812 A 19670927 - DEANS AND LIGHTALLOYS LTD
- [Y] DE 19620045 C1 19971016 - GOLDBECK GMBH [DE]
- [Y] US 4467562 A 19840828 - HEMMERLING GENE A [US]

Cited by  
CN108252603A; CN108222740A; EP3211162A1; EP3508674A4; WO2011154214A1; DE202010017436U1; EP2348185A2; DE102010005188A1; EP2977535A1; DE102014111927A1; DE102014111927B4

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1748135 A2 20070131; EP 1748135 A3 20090520; EP 1748135 B1 20121003**; PL 1748135 T3 20130228; SI 1748135 T1 20121130

DOCDB simple family (application)  
**EP 06450103 A 20060721**; PL 06450103 T 20060721; SI 200631448 T 20060721