

Title (en)

Sliding door with rail guide and a locking device

Title (de)

Schiebetür mit Schienenführung und einer Verriegelungsvorrichtung

Title (fr)

Porte coulissante avec rail-guide et dispositif de verrouillage

Publication

EP 1004738 A3 20020710 (DE)

Application

EP 99123470 A 19991125

Priority

DE 29821465 U 19981127

Abstract (en)

[origin: EP1004738A2] The door has guide rails and a locking device. A motor is provided on the door for opening and closing the door which is connected to a puller belt via a drive wheel, where the belt is attached to a guide rail located on the door frame. The guide rails (5) are located on the ceiling and floor of the vehicle. The motor is located in the region of the chassis and is attached to a wing arm (8) of the sliding door.

IPC 1-7

E05F 15/14; **E05D 15/10**

IPC 8 full level

E05D 15/10 (2006.01); **E05F 15/14** (2006.01); **E05F 15/646** (2015.01)

CPC (source: EP)

E05D 15/1081 (2013.01); **E05F 15/646** (2015.01); **E05D 2015/1086** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [X] EP 0644074 A1 19950322 - DINKLA JAN [NL], et al
- [X] US 4945677 A 19900807 - KRAMER HANS [DE]

Cited by

EP1512822A1; EP1188592A3; DE202005015169U1; EP1645709A1; DE202005002959U1; EP2261449A1; DE202022101465U1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1004738 A2 20000531; **EP 1004738 A3 20020710**; **EP 1004738 B1 20050202**; AT E288530 T1 20050215; DE 29821465 U1 19991223; DE 59911549 D1 20050310; ES 2237876 T3 20050801; PT 1004738 E 20050630

DOCDB simple family (application)

EP 99123470 A 19991125; AT 99123470 T 19991125; DE 29821465 U 19981127; DE 59911549 T 19991125; ES 99123470 T 19991125; PT 99123470 T 19991125