

Title (en)

TRANSITION OF LINES TO A DOOR LEAF

Title (de)

BERLEITUNG VON LEITUNGEN ZU EINEM T RBLATT

Title (fr)

PASSAGE DE CONDUITES POUR UN VANTAIL DE PORTE

Publication

EP 1633945 A1 20060315 (DE)

Application

EP 04739380 A 20040527

Priority

- EP 2004005690 W 20040527
- AT 8532003 A 20030602
- AT 1292004 A 20040130

Abstract (en)

[origin: WO2004106680A1] The invention relates to the transition of electrical, pneumatic, and/or hydraulic lines from a door leaf (1) of a vehicle, especially a railborne vehicle, elevator cage, cable car, or similar, to the vehicle (4), said door leaf (1) being part of a sliding door, pocket door, or swinging sliding door and being actuated by a drive unit (6). The invention is characterized in that one of the final points (8) of an energy chain (7) is fixed to the door leaf (1), preferably in the top area thereof, parallel to the upper horizontal door edge while the other final point (5) thereof is fastened to the drive unit (6) or a part (4) that is fixed to the vehicle body, and the lines are located within said energy chain.

IPC 1-7

E05D 15/10; **E05F 15/14**; **F16G 13/16**

IPC 8 full level

E05D 15/10 (2006.01); **E05F 15/14** (2006.01); **E05F 15/56** (2015.01); **E05F 15/60** (2015.01); **F16G 13/16** (2006.01)

CPC (source: EP KR US)

E05D 15/10 (2013.01 - KR); **E05D 15/1068** (2013.01 - EP US); **E05F 15/60** (2015.01 - KR); **E05F 15/632** (2015.01 - EP US); **E05F 15/70** (2015.01 - KR); **F16G 13/16** (2013.01 - EP US); **E05D 2015/1097** (2013.01 - EP US); **E05Y 2400/654** (2013.01 - EP US); **E05Y 2900/51** (2013.01 - EP US)

Citation (search report)

See references of WO 2004106680A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004106680 A1 20041209; AU 2004243557 A1 20041209; BR PI0410928 A 20060627; CA 2527092 A1 20041209; EP 1633945 A1 20060315; JP 2006526721 A 20061124; KR 20060017833 A 20060227; RU 2005141537 A 20060610; US 2007001485 A1 20070104

DOCDB simple family (application)

EP 2004005690 W 20040527; AU 2004243557 A 20040527; BR PI0410928 A 20040527; CA 2527092 A 20040527; EP 04739380 A 20040527; JP 2006508208 A 20040527; KR 20057023020 A 20051201; RU 2005141537 A 20040527; US 55803505 A 20051122