

Title (en)

Actuating device for a sliding door, especially for vehicles

Title (de)

Betätigungseinrichtung für eine Schiebetür, insbesondere für Kraftfahrzeuge

Title (fr)

Dispositif de commande pour une porte coulissante, en particulier pour véhicules

Publication

EP 0937853 B1 20090624 (DE)

Application

EP 99101079 A 19990125

Priority

DE 19806762 A 19980218

Abstract (en)

[origin: EP0937853A2] All the parts located in front of the wall, i.e. the drive wheel (8), guide pulley (5), tensioner (6), force transfer member (7,12) are combined with the guide rail (1) into one assembly module which can be mounted on the wall and push-fitted over the drive axle onto the drive motor unit. The force transfer member is formed by cables and the drive wheel by a cable drum with the number of winding areas corresponding to the number of cables.

IPC 8 full level

B60J 5/06 (2006.01); **E05F 11/48** (2006.01); **E05F 11/53** (2006.01); **E05F 15/646** (2015.01)

CPC (source: EP US)

E05F 15/646 (2015.01 - EP US); **E05F 15/643** (2015.01 - EP US); **E05Y 2201/654** (2013.01 - EP US); **E05Y 2201/664** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by

EP1275807A1; FR2826685A1; US6637803B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19806762 A1 19990819; **DE 19806762 B4 20090312**; DE 59915042 D1 20090806; EP 0937853 A2 19990825; EP 0937853 A3 19991020; EP 0937853 B1 20090624; JP 4410332 B2 20100203; JP H11314522 A 19991116; US 6152519 A 20001128

DOCDB simple family (application)

DE 19806762 A 19980218; DE 59915042 T 19990125; EP 99101079 A 19990125; JP 3913499 A 19990217; US 25038399 A 19990212