

Title (en)

Device with a driving arrangement for moving a vehicle sliding door having a lock

Title (de)

Vorrichtung mit einer Antriebseinrichtung zum Verschieben einer mit einem Türschloß versehenen Schiebetür eines Kraftfahrzeuges

Title (fr)

Dispositif avec un système d'entraînement pour déplacer une porte de véhicule coulissante comprenant un verrou

Publication

EP 1640544 A3 20090422 (DE)

Application

EP 05108712 A 20050921

Priority

DE 102004046910 A 20040928

Abstract (en)

[origin: EP1640544A2] The sliding door (2) runs on a central rail (4) recessed in the vehicle (1) body wall (3) from an open position to a closed position and contains the drive unit (5) with an electric motor and rotating disc to drive the locking process over the catch bolt (35) on the body.

IPC 8 full level

E05F 15/14 (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05B 65/32** (2006.01)

CPC (source: EP)

E05B 17/0029 (2013.01); **E05B 81/20** (2013.01); **E05F 15/638** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2201/674** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [X] WO 03046321 A1 20030605 - INTIER AUTOMOTIVE CLOSURES INC [CA], et al
- [A] GB 2213194 A 19890809 - FUJI HEAVY IND LTD [JP]
- [A] DE 3414475 C1 19851219 - KIEKERT GMBH CO KG
- [A] GB 2309486 A 19970730 - MITSUI MINING & SMELTING CO [JP]
- [DA] DE 19853989 C1 19991111 - APPRICH SECUR 2000 GMBH [DE] & US 6125583 A 20001003 - MURRAY SHAWN [CA], et al

Cited by

DE202008014183U1; DE202006006559U1; CN110552557A

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 YU

DOCDB simple family (publication)

EP 1640544 A2 20060329; **EP 1640544 A3 20090422**; DE 102004046910 A1 20060330

DOCDB simple family (application)

EP 05108712 A 20050921; DE 102004046910 A 20040928