

Title (en)

Opening and closing system for a sliding door of a vehicle

Title (de)

Öffnungs- und Schließsystem für eine Kraftfahrzeug-Schiebetür

Title (fr)

Système d'ouverture et de fermeture pour une porte coulissante de véhicule

Publication

EP 1676972 B1 20140709 (DE)

Application

EP 05112648 A 20051221

Priority

DE 102004063737 A 20041229

Abstract (en)

[origin: EP1676972A2] The system has a brake device coupled to a force transmission component of a drive mechanism for transmitting movement force to a sliding door. The force transmission component comprises a door opening cable (9) or a door closing cable of a cable mechanism for opening and closing the sliding door. A front end of the door opening or door closing cable is coupled to a pivoting lever (5).

IPC 8 full level

E05F 1/00 (2006.01); **E05F 5/00** (2006.01); **E05F 15/00** (2006.01); **E05F 15/14** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP US)

E05F 5/003 (2013.01 - EP US); **E05F 15/40** (2015.01 - EP US); **E05F 15/41** (2015.01 - EP US); **E05F 15/646** (2015.01 - EP US); **E05D 2015/1055** (2013.01 - EP); **E05D 2015/1057** (2013.01 - EP); **E05F 15/42** (2015.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/26** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2400/532** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2800/25** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (examination)

- US 2004046418 A1 20040311 - CHIKATA KOJI [JP], et al
- EP 0200115 A2 19861105 - ROLLWANDE & JALOUSIENFABRIK C [DE]

Cited by

EP3822444A1; DE102014217081A1; DE102007016571A1; DE102007016571B4; DE102019131053A1; WO2021023342A1; DE102020121506A1; WO2022037738A1; EP2604968B1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 1676972 A2 20060705; EP 1676972 A3 20120905; EP 1676972 B1 20140709; DE 102004063737 A1 20060713; US 2006137252 A1 20060629

DOCDB simple family (application)

EP 05112648 A 20051221; DE 102004063737 A 20041229; US 31493905 A 20051221