

Title (en)

Locking device for a sliding door with means for blocking the door in open position

Title (de)

Schliessvorrichtung für eine Schiebetür mit Arretierungsmittel zum Fixieren der geöffneten Schiebetür

Title (fr)

Dispositif de verrouillage pour une porte coulissante avec des moyens de blocage pour maintenir la porte dans sa position ouverte

Publication

EP 1849940 A3 20120718 (DE)

Application

EP 07007966 A 20070419

Priority

- DE 102006020284 A 20060427
- DE 102006053133 A 20061110

Abstract (en)

[origin: EP1849940A2] The lock (1) has a locking arrangement (3) for fixing the open door containing at least a rotary catch (4) positioned on a first pivot axis (5), a blocking pawl (6) positioned on a second pivot axis (7) and movable within a pivoting range with an operating element (8) and an actuating lever (10) connected to the locking element, whereby the actuating lever is at least partly movable separately from the rotary catch and the blocking pawl.. An independent claim is also included for a method of operating a locking arrangement for a lock for a vehicle's sliding door.

IPC 8 full level

E05B 65/08 (2006.01); **E05B 65/20** (2006.01); **E05C 17/48** (2006.01); **E05C 17/60** (2006.01)

CPC (source: EP)

E05B 79/20 (2013.01); **E05B 85/26** (2013.01); **E05C 17/48** (2013.01); **E05C 17/60** (2013.01); **E05B 81/14** (2013.01)

Citation (search report)

- [XAI] EP 1050646 A1 20001108 - VALEO SECURITE HABITACLE [FR]
- [A] DE 10000639 A1 20010712 - MANNESMANN VDO AG [DE]
- [A] US 2004074148 A1 20040422 - HER JUN MOO [KR]
- [AD] DE 102004022826 A1 20051201 - IAV GMBH [DE]
- [A] DE 9302707 U1 19940630 - SCHARWAECHTER GMBH CO KG [DE]

Cited by

CN114846210A; CN114929983A; WO2012090574A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1849940 A2 20071031; EP 1849940 A3 20120718; EP 1849940 B1 20161012

DOCDB simple family (application)

EP 07007966 A 20070419