

Title (en)

Locking device for motor vehicle doors

Title (de)

Kraftfahrzeugtürverschluss

Title (fr)

Dispositif de verrouillage pour porte de véhicule automobile

Publication

EP 1178171 A3 20030402 (DE)

Application

EP 01117989 A 20010725

Priority

DE 10038151 A 20000804

Abstract (en)

[origin: EP1178171A2] The locking lever (1) interacts directly with the operating lever (8) when adopting its release position.

IPC 1-7

E05B 65/20; **E05B 47/00**

IPC 8 full level

E05B 47/00 (2006.01); **E05B 65/20** (2006.01); **E05B 77/24** (2014.01); **E05B 77/28** (2014.01); **E05B 77/30** (2014.01); **E05B 81/06** (2014.01); **E05B 81/16** (2014.01)

CPC (source: EP US)

E05B 77/245 (2013.01 - EP US); **E05B 77/28** (2013.01 - EP US); **E05B 77/30** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US); **E05B 81/16** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)

- [X] DE 19806154 A1 19990722 - KIEKERT AG [DE]
- [XA] US 4634156 A 19870106 - SHIMURA RYOJI [JP], et al
- [X] DE 4313248 A1 19941103 - BOCKLENBERG & MOTTE BOMORO [DE]
- [X] EP 1004730 A1 20000531 - VALEO SECURITE HABITACLE [FR]
- [E] GB 2359855 A 20010905 - MITSUI MINING & SMELTING CO [JP]

Cited by

FR2921089A1; EP1447503A3; EP2354391A1; CN110914509A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1178171 A2 20020206; **EP 1178171 A3 20030402**; **EP 1178171 B1 20050706**; AT E299220 T1 20050715; BR 0103221 A 20020326; DE 10038151 A1 20020228; DE 10038151 C2 20030320; DE 50106670 D1 20050811; US 2002017792 A1 20020214; US 6568722 B2 20030527

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EP 01117989 A 20010725; AT 01117989 T 20010725; BR 0103221 A 20010806; DE 10038151 A 20000804; DE 50106670 T 20010725; US 92061301 A 20010801