

Title (en)

Device for assisted opening of door locks

Title (de)

Öffnungshilfe für Türschlösser

Title (fr)

Dispositif d'assistance à l'ouverture des serrures de porte

Publication

EP 1091061 A3 20021030 (DE)

Application

EP 00120626 A 20000921

Priority

DE 19948052 A 19991006

Abstract (en)

[origin: EP1091061A2] The lock has a spring bolt (12), a detent pawl (18) and a motor-driven carrier bolt, which releases the detent pawl from the spring bolt when it is activated and runs against an abutment (50), which holds the detent pawl in its blocking position. The abutment is arranged at a block lever (48) separated from the detent pawl, which is carried from the detent pawl between the locked and unlocked positions.

IPC 1-7

E05B 65/12

IPC 8 full level

E05B 65/12 (2006.01); **E05B 81/14** (2014.01)

CPC (source: EP US)

E05B 81/14 (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10S 292/42** (2013.01 - EP US); **Y10S 292/43** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)

- [XA] DE 19650661 A1 19980610 - KIEKERT AG [DE]
- [AD] DE 19505779 A1 19960829 - BOCKLENBERG & MOTTE BOMORO [DE]
- [A] DE 29813797 U1 19981022 - MANNESMANN VDO AG [DE]
- [E] EP 1085148 A2 20010321 - MANNESMANN VDO AG [DE]

Cited by

WO03018939A1; US10995525B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1091061 A2 20010411; **EP 1091061 A3 20021030**; DE 19948052 A1 20010412; US 6390517 B1 20020521

DOCDB simple family (application)

EP 00120626 A 20000921; DE 19948052 A 19991006; US 67647900 A 20001004