

Title (en)

Vehicle lock with electrically assisted opening

Title (de)

Kraftfahrzeugschloss mit elektrischem Öffnungsantrieb

Title (fr)

Serrure pour véhicule à ouverture assistée électriquement

Publication

**EP 1457625 A3 20080827 (DE)**

Application

**EP 04004097 A 20040224**

Priority

- DE 10310507 A 20030308
- DE 10319743 A 20030430

Abstract (en)

[origin: EP1457625A2] The locking plate (1) is rotated to unlock the door but is blocked by a lever (2) which is released by a toothed wheel (6) with a peg (7) when driven in a clockwise direction by a worm (5) connected to the motor (4) controlled by an electronic unit (8). An anti-theft lever (11) can block the release.

IPC 8 full level

**E05B 65/32** (2006.01); **E05B 47/00** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP US)

**E05B 77/28** (2013.01 - EP US); **E05B 81/14** (2013.01 - EP US); **E05B 81/16** (2013.01 - EP US); **E05B 77/12** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US); **E05B 81/15** (2013.01 - EP US); **E05B 81/62** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)

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- [DA] DE 19963910 A1 20010719 - BOSCH GMBH ROBERT [DE]
- [A] EP 0710755 A1 19960508 - ROLTRA MORSE SPA [IT]
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 04004097 A 20040224**; US 79368204 A 20040305