

Title (en)

A motorised lock

Title (de)

Motorisierter Verschluss

Title (fr)

Serrure motorisée

Publication

**EP 1672149 A1 20060621 (EN)**

Application

**EP 04425925 A 20041217**

Priority

EP 04425925 A 20041217

Abstract (en)

The lock comprises: at least a bolt (2) which can be displaced between an open position of a door and the like and a closed position thereof; first means (4, 5) for activating the bolt (2), comprising a worm screw (4), having a longitudinal rotation axis (x), a nut (5) which couples with the worm screw (4) and which is associated to the bolt (2) so that a rotation of the worm screw (4) induces a displacement of the nut (5) along the longitudinal axis (x) and brings about a consequent displacement of the bolt (2); second means (7, 11, 12, 14, 15) for activating the bolt (2), comprising a mechanism predisposed to activate and thus displace the bolt (2). The nut (5) is able to vary a configuration thereof between a coupled configuration, in which the nut (5) is coupled with the worm screw (4), and a non-coupled configuration, in which the nut (5) is not coupled with the worm screw (4) and is freely slidable along the worm screw (4).

IPC 8 full level

**E05B 47/00** (2006.01)

CPC (source: EP)

**E05B 47/0012** (2013.01); **E05B 2047/0023** (2013.01); **E05B 2047/0026** (2013.01); **E05B 2047/0084** (2013.01); **E05C 9/023** (2013.01)

Citation (search report)

- [X] DE 3504273 A1 19860814 - IFM INT FLUGGERAETE MOTOREN [DE]
- [X] EP 0159238 A1 19851023 - PEUGEOT ACIERS ET OUTILLAGE [FR]
- [A] EP 1283318 A1 20030212 - WINKHAUS FA AUGUST [DE]
- [A] DE 3521392 A1 19861218 - SCHULTE C E GMBH [DE]

Cited by

CN102661087A; BE1017775A3; EP2078809A3; EP2045419A1; US8800402B2; WO2014108263A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1672149 A1 20060621**

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