

Title (en)
ELECTROMECHANICAL LOCK

Title (de)
ELEKTROMECHANISCHES SCHLOSS

Title (fr)
SERRURE ELECTROMECHANIQUE

Publication
EP 1224370 A1 20020724 (EN)

Application
EP 00946221 A 20000727

Priority
• IB 0001034 W 20000727
• RU 99122643 A 19991028

Abstract (en)
[origin: WO0131149A1] An electromechanical lock has a rotating insert (5) with a cam (8) placed in a body (1) and a shaft (4) is inserted into a bore (7) of the rotating insert (5) and a shaft (4) comprises an electromagnet (10) with an anchor (11) which co-operates with sides of a slot (3) of the rotating insert (5) in such way that at simultaneous transmitting of a voltage on the electromagnet (10) and at rotation of the shaft (4) the anchor (11) rests against the side of the slot (3) of the rotating insert (5) transmitting it the rotation from the shaft (4), and at absence of a voltage on the electromagnet (10) and a rotation of the shaft (4) the anchor (11) pulls out of the slot (3) under the action of its own weight and the rotation from the shaft (4) does not transmit to the rotating insert (5).

IPC 1-7
E05B 47/06

IPC 8 full level
E05B 47/06 (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP KR)
E05B 47/06 (2013.01 - KR); **E05B 47/0692** (2013.01 - EP); **E05B 47/0002** (2013.01 - EP)

Citation (search report)
See references of WO 0131149A1

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)
WO 0131149 A1 20010503; AU 6009100 A 20010508; CA 2388459 A1 20010503; CN 1379840 A 20021113; EP 1224370 A1 20020724; JP 2003513183 A 20030408; KR 20020059623 A 20020713; RU 2151256 C1 20000620

DOCDB simple family (application)
IB 0001034 W 20000727; AU 6009100 A 20000727; CA 2388459 A 20000727; CN 00814454 A 20000727; EP 00946221 A 20000727; JP 2001533273 A 20000727; KR 20027004857 A 20020416; RU 99122643 A 19991028