

Title (en)
Electromagnetic actuated locking mechanism

Title (de)
Elektromagnetisch aktivierbarer Sperrmechanismus

Title (fr)
Dispositif de blocage à actionnement électromagnétique

Publication
EP 1148189 B1 20040623 (DE)

Application
EP 01105194 A 20010303

Priority
DE 10020038 A 20000422

Abstract (en)
[origin: EP1148189A1] The mechanism has a locking bar (16) forming a unit with an armature and able to be moved into the path of motion of a core (2), an electromagnet (14) for holding the armature in a release position, a blocking spring and control electronics (12). The control electronics are activated by detecting an electromagnetic pulse of the electromagnet produced when inserting a key or initial rotation of the core causes movement of the locking bar

IPC 1-7
E05B 47/06; E05B 49/00; E05B 27/00

IPC 8 full level
E05B 27/00 (2006.01); **E05B 47/06** (2006.01); **E05B 49/00** (2006.01); **E05B 47/00** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)
E05B 47/0642 (2013.01); **E05B 47/00** (2013.01); **E05B 47/0006** (2013.01); **E05B 2047/0082** (2013.01); **G07C 9/00182** (2013.01); **G07C 2009/00642** (2013.01); **G07C 2009/00793** (2013.01); **G07C 2009/00992** (2013.01)

Cited by
DE102009028599A1; DE102007000381A1; EP1516983A1; EP1442949A1; EP1380714A3; EP4092228A1; DE102004047980B3; EP1323880A3; EP3506216A1; CN110029881A; EP2453083A3; SE1951131A1; SE543627C2; CN106939736A; GB2575164A; GB2575164B; DE102022100283B3; US12037814B2; WO2022211689A1; WO2021066718A1; EP2287424A2; EP2017410A2; EP2441906A2; DE102010042486A1

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 1148189 A1 20011024; **EP 1148189 B1 20040623**; AT E269929 T1 20040715; DE 10020038 A1 20011025; DE 50102651 D1 20040729; ES 2222282 T3 20050201

DOCDB simple family (application)
EP 01105194 A 20010303; AT 01105194 T 20010303; DE 10020038 A 20000422; DE 50102651 T 20010303; ES 01105194 T 20010303