

Title (en)
LOCKING DEVICE

Title (de)
SCHLIESSVORRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE

Publication
EP 0977929 A1 20000209 (DE)

Application
EP 99915525 A 19990218

Priority
• DE 19807577 A 19980223
• EP 9901019 W 19990218

Abstract (en)
[origin: US6227020B1] A locking device including at least one key and a lock cylinder having at least one cylinder core pivotally mounted in a cylinder housing and having a keyway is provided with a blocking element which in its blocked position prevents rotation of the cylinder core with the key, and in its release position permits rotation of the cylinder core with the key. Further provided are an actuator which blocks the blocking element in the blocked position and releases it in the release position, and an electronic code transmitter in the key and an electronic code evaluator which controls the actuator. The lock cylinder is provided with a cylinder armor having an armor housing covering the cylinder housing and an armor disk pivotally mounted therein with a key insertion slot flush with the keyway of the cylinder core. The blocking element and the actuator are disposed in the armor housing. In its blocked position the blocking element acts on the armor disk so as to prevent rotation, releasing it in the release position.

IPC 1-7
E05B 49/00; **E05B 17/14**

IPC 8 full level
E05B 17/14 (2006.01); **E05B 49/00** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **G07C 9/00** (2006.01); **E05B 15/16** (2006.01); **E05B 17/18** (2006.01)

CPC (source: EP US)
E05B 17/147 (2013.01 - EP US); **E05B 47/063** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **E05B 15/1614** (2013.01 - EP US); **E05B 17/185** (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **G07C 2009/00777** (2013.01 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7102** (2015.04 - EP US); **Y10T 70/7136** (2015.04 - EP US); **Y10T 70/7921** (2015.04 - EP US); **Y10T 70/8595** (2015.04 - EP US)

Designated contracting state (EPC)
AT BE CH ES FI FR GB GR IT LI NL SE

DOCDB simple family (publication)
US 6227020 B1 20010508; AT E247757 T1 20030915; BR 9904837 A 20000523; CZ 296590 B6 20060412; CZ 371399 A3 20000412; DE 19807577 C1 19990422; EP 0977929 A1 20000209; EP 0977929 B1 20030820; ES 2207196 T3 20040516; HU P0002410 A2 20001128; HU P0002410 A3 20010928; JP 2001522421 A 20011113; JP 3537834 B2 20040614; NO 995162 D0 19991022; NO 995162 L 19991222; PL 190093 B1 20051031; PL 336313 A1 20000619; WO 9942688 A1 19990826

DOCDB simple family (application)
US 40370699 A 19991022; AT 99915525 T 19990218; BR 9904837 A 19990218; CZ 371399 A 19990218; DE 19807577 A 19980223; EP 9901019 W 19990218; EP 99915525 A 19990218; ES 99915525 T 19990218; HU P0002410 A 19990218; JP 54211199 A 19990218; NO 995162 A 19991022; PL 33631399 A 19990218