

Title (en)
Lock with an electromechanical coupling arrangement

Title (de)
Schloss mit einer elektromechanischen Kupplungsvorrichtung

Title (fr)
Serrure avec un dispositif d'accouplement électromécanique

Publication
EP 1111170 A3 20031001 (DE)

Application
EP 00119597 A 20000907

Priority
DE 19960791 A 19991216

Abstract (en)
[origin: US2001003913A1] A lock with an electromechanical coupling device, which only consumes little electrical power, comprises an operating handle which constantly is in operative connection with a drive member of an electromechanical coupling device and upon recognition of an authentication code makes an operative connection with a driven member, which in turn is in constant operative connection with the operating mechanism of the lock. The drive member and the driven member of the coupling device are each spring-loaded into a rest position and can be coupled via a locking mechanism, which by means of an electromechanical transducer can be switched between a disengaged position and an engaged position.

IPC 1-7
E05B 47/06

IPC 8 full level
E05B 47/06 (2006.01)

CPC (source: EP US)
E05B 47/0692 (2013.01 - EP US); **E05B 47/0004** (2013.01 - EP US); **Y10T 70/5394** (2015.04 - EP US); **Y10T 70/5398** (2015.04 - EP US); **Y10T 70/5416** (2015.04 - EP US); **Y10T 70/542** (2015.04 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7102** (2015.04 - EP US); **Y10T 70/7706** (2015.04 - EP US); **Y10T 70/7751** (2015.04 - EP US)

Citation (search report)

- [DA] GB 2211239 A 19890628 - YALE SECURITY PROD LTD [GB]
- [DA] DE 19502288 A1 19960801 - DIEHL GMBH & CO [DE]
- [A] US 5953942 A 19990921 - DOUCET CHRISTIAN [CA], et al
- [A] US 4649725 A 19870317 - YAMASHITA TOSHIHIKO [JP]
- [A] DE 19649444 A1 19980702 - SPHINX ELEKTRONIK GMBH [DE]

Cited by
DE102006039843A1; DE202008009787U1

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)
US 2001003913 A1 20010621; **US 6647753 B2 20031118**; AT E268854 T1 20040615; CN 1200193 C 20050504; CN 1299913 A 20010620; DE 19960791 C1 20010405; DE 50006745 D1 20040715; EP 1111170 A2 20010627; EP 1111170 A3 20031001; EP 1111170 B1 20040609; ES 2222144 T3 20050201; HK 1039510 A1 20020426; PT 1111170 E 20041029; TW 480309 B 20020321

DOCDB simple family (application)
US 73920000 A 20001218; AT 00119597 T 20000907; CN 00135556 A 20001214; DE 19960791 A 19991216; DE 50006745 T 20000907; EP 00119597 A 20000907; ES 00119597 T 20000907; HK 01109146 A 20011227; PT 00119597 T 20000907; TW 89125735 A 20001204