

Title (en)
Electronic locking cylinder

Title (de)
Elektronischer Schließzylinder

Title (fr)
Cylindre de fermeture électronique

Publication
EP 2628876 A3 20170222 (DE)

Application
EP 13154112 A 20130206

Priority
DE 102012003327 A 20120215

Abstract (en)
[origin: EP2628876A2] The electronic lock cylinder (10) has cylinder housing (24) which is inserted into opening in a mortise lock (12). A metal shaft (26) is rotatably mounted in cylinder housing along longitudinal axis (27), and is rotatably connected with actuator (28) at axial end. A cam (30) is rotatably mounted at cylinder housing about the longitudinal axis. An electrical or electronic assembly (49) is arranged in actuator. The shaft is connected with the actuator by a thermal protection element (60) made of ceramic or Teflon (RTM: PTFE).

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

CPC (source: EP)
E05B 15/1614 (2013.01); **E05B 17/0075** (2013.01); **E05B 47/0615** (2013.01); **E05B 47/0638** (2013.01); **G07C 9/00309** (2013.01); **E05B 2047/0058** (2013.01); **G07C 2009/00642** (2013.01); **G07C 2009/00793** (2013.01)

Citation (search report)

- [AD] DE 102005034618 A1 20070125 - DOM SICHERHEITSTECHNIK [DE]
- [A] EP 0269555 A2 19880601 - ABS BRANDSCHUTZ [DE]
- [A] US 6877346 B1 20050412
- [A] NL 7800771 A 19790725 - ANKERSLOT BV

Cited by
EP3339539A1; DE102014104092A1; DE102014104092B4; EP2998485A1; US11655653B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2628876 A2 20130821; EP 2628876 A3 20170222; EP 2628876 B1 20180404; CN 103255958 A 20130821; DE 102012003327 A1 20130822; DE 102012003327 B4 20140904; ES 2665828 T3 20180427; SI 2628876 T1 20180731

DOCDB simple family (application)
EP 13154112 A 20130206; CN 201310051379 A 20130216; DE 102012003327 A 20120215; ES 13154112 T 20130206; SI 201331061 T 20130206