

Title (en)

Locking cylinder for an electronic key

Title (de)

Schließzylinder für einen elektronischen Schlüssel

Title (fr)

Cylindre de fermeture pour une clé électronique

Publication

EP 2708682 B1 20210303 (DE)

Application

EP 13182645 A 20130902

Priority

DE 102012216109 A 20120912

Abstract (en)

[origin: EP2708682A2] The lock cylinder (1) has a core (3) having a close channel (5) for introduction of key (6). An antenna (8) for detecting electronic signals of key is arranged in the housing (2). An electronic locking device (7) is arranged in core for optionally blocking or releasing the movement of core in dependence on signals of key. The electrical springy contacts (13) for contacting fixed contacts (18) are arranged on the key. The electrical contacts of core are connected with transmitting antenna (11) for transmitting signals of key to antenna, by electrical conductors (12) arranged in core.

IPC 8 full level

E05B 9/04 (2006.01); **E05B 47/06** (2006.01); **G07C 9/00** (2020.01)

CPC (source: EP)

E05B 47/0611 (2013.01); **G07C 9/00944** (2013.01); **E05B 2047/0094** (2013.01); **G07C 9/00182** (2013.01); **G07C 2009/00761** (2013.01)

Cited by

DE202017107395U1

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

DOCDB simple family (publication)

EP 2708682 A2 20140319; **EP 2708682 A3 20170906**; **EP 2708682 B1 20210303**; DE 102012216109 A1 20140313; ES 2862899 T3 20211008; PL 2708682 T3 20210628; SI 2708682 T1 20210430

DOCDB simple family (application)

EP 13182645 A 20130902; DE 102012216109 A 20120912; ES 13182645 T 20130902; PL 13182645 T 20130902; SI 201331867 T 20130902