

Title (en)
MECHATRONIC LOCKING APPARATUS

Title (de)
MECHATRONISCHE SCHLIESSVORRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE MÉCATRONIQUE

Publication
EP 2415028 B1 20160622 (DE)

Application
EP 10706131 A 20100301

Priority
• CH 2010000048 W 20100301
• CH 5002009 A 20090330

Abstract (en)
[origin: CA2755871A1] The mechatronic locking apparatus comprises a control circuit (4), from which information signals can be transmitted to a control circuit (6) of the lock cylinder (2) using a first communication path (5). A security key (3) has at least one second communication path (7) for storing and/or processing access data. The two communication paths (5, 7) are connected to said control circuit (4) of the security key (3). The first communication path (5) preferably uses an electrical contact in the lock cylinder (2). The second communication path (7) comprises a transponder (8). The first communication path (5) may also be used for power supply purposes.

IPC 8 full level
G07C 9/00 (2006.01)

CPC (source: EP US)
G07C 9/00944 (2013.01 - EP US); **G07C 9/28** (2020.01 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7107** (2015.04 - EP US)

Citation (examination)
• US 2005285716 A1 20051229 - DENISON WILLIAM D [US], et al
• DE 102005037799 A1 20070208 - ASSA ABLOY SICHERHEITSTECHNIK [DE]

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
CH 700674 A1 20100930; AU 2010230823 A1 20111020; AU 2010230823 B2 20141023; CA 2755871 A1 20101007; CA 2755871 C 20171205; CN 102378993 A 20120314; DE 212010000037 U1 20120202; EP 2415028 A1 20120208; EP 2415028 B1 20160622; JP 2012522151 A 20120920; JP 5529954 B2 20140625; SG 174577 A1 20111028; US 2012011907 A1 20120119; US 8928453 B2 20150106; WO 2010111796 A1 20101007; ZA 201106124 B 20121031

DOCDB simple family (application)
CH 5002009 A 20090330; AU 2010230823 A 20100301; CA 2755871 A 20100301; CH 2010000048 W 20100301; CN 201080014937 A 20100301; DE 212010000037 U 20100301; EP 10706131 A 20100301; JP 2012502410 A 20100301; SG 2011069762 A 20100301; US 201013258880 A 20100301; ZA 201106124 A 20110819