

Title (en)
Mechatronic closing device

Title (de)
Mechatronische Schliessvorrichtung

Title (fr)
Dispositif de fermeture mécatronique

Publication
EP 2565850 B1 20140604 (DE)

Application
EP 11179158 A 20110829

Priority
EP 11179158 A 20110829

Abstract (en)
[origin: EP2565850A1] The device has lock cylinder (1) with a control circuit (2) associated with security key (3). The information signals are interchangeable between control circuit and memory circuit (4) of security key over communication channel (18). The cylinder has contact element (7) which is connected to control circuit. The contact elements (5,7) are electrically made to contact with each other when key is inserted. The contact element (5) which is in electrical communication with both legs (8,9) integrated in security key is equipped with units for providing radio connection between legs. An independent claim is included for mechatronic closing system.

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

CPC (source: EP US)
E05B 47/0001 (2013.01 - US); **E05B 47/0611** (2013.01 - EP US); **E05B 49/002** (2013.01 - US); **G07C 9/00174** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **G07C 9/00714** (2013.01 - EP US); **E05B 2047/005** (2013.01 - US); **E05B 2047/0088** (2013.01 - US); **G07C 2009/00761** (2013.01 - EP US); **G07C 2009/00777** (2013.01 - EP US); **G07C 2009/00793** (2013.01 - EP US); **Y10T 70/7791** (2015.04 - EP US)

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 2565850 A1 20130306; EP 2565850 B1 20140604; AU 2012301083 A1 20140313; AU 2012301083 B2 20151119; CA 2845782 A1 20130307; CN 103797519 A 20140514; CN 103797519 B 20161019; DK 2565850 T3 20140908; ES 2495990 T3 20140918; HR P20140829 T1 20141010; JP 2014527585 A 20141016; JP 6140705 B2 20170531; PL 2565850 T3 20141128; PT 2565850 E 20140825; SG 11201400133Q A 20140828; SI 2565850 T1 20140930; US 2014298870 A1 20141009; US 9316024 B2 20160419; WO 2013030078 A1 20130307; ZA 201401566 B 20151028

DOCDB simple family (application)
EP 11179158 A 20110829; AU 2012301083 A 20120823; CA 2845782 A 20120823; CN 201280042083 A 20120823; DK 11179158 T 20110829; EP 2012066406 W 20120823; ES 11179158 T 20110829; HR P20140829 T 20140902; JP 2014527592 A 20120823; PL 11179158 T 20110829; PT 11179158 T 20110829; SG 11201400133Q A 20120823; SI 201130249 T 20110829; US 201214241514 A 20120823; ZA 201401566 A 20140228