

Title (en)
ACCESS CONTROL DEVICE

Title (de)
VORRICHTUNG ZUR ZUTRITTSKONTROLLE

Title (fr)
DISPOSITIF DE CONTRÔLE D'ACCÈS

Publication
EP 2013852 A1 20090114 (DE)

Application
EP 07710529 A 20070322

Priority
• AT 2007000140 W 20070322
• AT 7682006 A 20060504

Abstract (en)
[origin: WO2007128009A1] According to an access control device with a lock (2) which has a blocking element, an actuation element (3) for the blocking element, an electronic key (5), an electrical circuit with a receiving unit for the reception of identification data from the key (5), and an evaluation circuit for determining access authorization on the basis of the received identification data, the evaluation circuit works together with the actuation element (3) and/or the blocking element for the selective blocking or unblocking of the lock (2). The electronic key (5) features means for the creation of a capacitive near field, by means of which the identification data are sent. In addition, a facility is provided for coupling the capacitive near field to the person (4) carrying the key (5), with the receiving unit of the key (5) encompassing at least one capacitive coupling surface in such a way that an alternating current circuit is closed when the lock (2) is touched or when the lock (2) is approached by the person (4), and a current flow, created by the lock (2), can be captured by the receiving unit.

IPC 8 full level
G07C 9/00 (2006.01); **B60R 25/00** (2006.01)

CPC (source: EP US)
G07C 9/00309 (2013.01 - EP US)

Citation (search report)
See references of WO 2007128009A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007128009 A1 20071115; AT 503301 A4 20070915; AT 503301 B1 20070915; AU 2007247803 A1 20071115;
AU 2007247803 B2 20140213; CA 2650780 A1 20071115; CN 101438323 A 20090520; EP 2013852 A1 20090114; IL 194976 A0 20090803;
IL 194976 A 20150331; JP 2009535540 A 20091001; JP 5373601 B2 20131218; MX 2008014018 A 20090120; NO 20085013 L 20090204;
NZ 572402 A 20110729; RU 2008147722 A 20100610; RU 2441282 C2 20120127; UA 97364 C2 20120210; US 2009096577 A1 20090416;
US 8692650 B2 20140408

DOCDB simple family (application)
AT 2007000140 W 20070322; AT 7682006 A 20060504; AU 2007247803 A 20070322; CA 2650780 A 20070322; CN 200780016216 A 20070322;
EP 07710529 A 20070322; IL 19497608 A 20081029; JP 2009508038 A 20070322; MX 2008014018 A 20070322; NO 20085013 A 20081202;
NZ 57240207 A 20070322; RU 2008147722 A 20070322; UA A200813936 A 20070322; US 22689107 A 20070322