

Title (en)
RFID powered lock device

Title (de)
RFID-angetriebene Verriegelungsvorrichtung

Title (fr)
Dispositif de verrouillage à alimentation RFID

Publication
EP 2919202 A1 20150916 (EN)

Application
EP 14158580 A 20140310

Priority
EP 14158580 A 20140310

Abstract (en)
It is presented a method performed in a lock device. The method comprises the steps of: receiving, in a passive Radio-frequency Identification, RFID, transceiver, energy from a key device using wireless energy transfer; entering an active state from an idle state; exchanging RFID data with the RFID reader; obtaining an access decision based on the RFID data; and mechanically unlocking the lock device when access is granted and wireless energy more than a threshold amount has been received.

IPC 8 full level
G07C 9/00 (2006.01)

CPC (source: EP)
G07C 9/00309 (2013.01); **G07C 2009/00634** (2013.01); **G07C 2009/00769** (2013.01)

Citation (applicant)
US 2010085160 A1 20100408 - FU KEVIN EDWARD [US]

Citation (search report)

- [Y] US 2002024420 A1 20020228 - AYALA RAYMOND F [US], et al
- [YA] WO 2005054609 A1 20050616 - ABLOY OY [FI], et al
- [A] EP 1541795 A2 20050615 - GIESECKE & DEVRIENT GMBH [DE]
- [A] WO 2007079332 A2 20070712 - CHECKPOINT SYSTEMS INC [US], et al
- [YA] US 2007205902 A1 20070906 - COTE ANDRE [US], et al
- [A] EP 2592601 A1 20130515 - ILOQ OY [FI]

Cited by
CN108257269A; CN107195027A; EP3748587A1; CN115512467A; CN111009056A; WO2019243316A1; US11270536B2; WO2023138758A1; WO2024055532A1; EP3520088B1

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 2919202 A1 20150916; EP 2919202 B1 20200422

DOCDB simple family (application)
EP 14158580 A 20140310