Title (en)

Method and system of registering a mobile unit used as an electronic access key

Title (de)

Verfahren und System zum Registrieren einer mobilen Einheit, die als elektronischen Zugangsschlüssel verwendet wird

Title (fr)

Procédé et système pour enregistrer une unité mobile employée comme clé d'accès électronique

Publication

EP 2085934 A1 20090805 (EN)

Application

EP 08388005 A 20080131

Priority

EP 08388005 A 20080131

Abstract (en)

Disclosed is a method of controlling access to a location secured by a lock mechanism controlled by a lock control unit comprising means for wireless communication with a mobile unit, the method comprising the following steps, performed by the mobile unit, of: storing an electronic key in the mobile unit, the electronic key being indicative of a predetermined access right to the location; wherein the method further comprises the steps of: automatically searching for the lock control unit of the location, when the mobile unit is in a distance from the lock control unit, where wireless communication between the mobile unit and the lock control unit is established; automatically establishing a connection to the lock control unit; automatically transmitting the electronic key wirelessly to the lock control unit; and causing operation of the lock mechanism controlled by the lock control unit, whereby access to the location is obtained.

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP)

G07C 9/00309 (2013.01); **G07C 9/00571** (2013.01)

Citation (applicant)
- WO 0140605 A1 20010607 - BORDING DATA AS [DK], et al
- JP 2004088339 A 20040318 - TOKAI RIKA CO LTD
- US 2003208386 A1 20031106 - BRONDRUP RAYNER [NO]
- WO 2005024553 A2 20050317 - IXI MOBILE INC [US], et al
- WO 2007069906 A1 20070621 - KRANNIG-SCHMIDT ANNETTE [NO]
- US 2003151493 A1 20030814 - STRAUMANN HUGO [CH], et al
- US 2003016828 A1 20030123 - BUNTE BJORN [DE], et al
- US 2002031228 A1 20020314 - KARKAS KALLE J [FI], et al
- US 2006170533 A1 20060803 - CHIOIU ALFRED [US], et al
- EP 1720296 A1 20061108 - RESEARCH IN MOTION LTD [CA]

Citation (search report)
- [DXY] US 2003208386 A1 20031106 - BRONDRUP RAYNER [NO]
- [XA] WO 0140605 A1 20010607 - BORDING DATA AS [DK], et al
- [Y] EP 1589694 A1 20051026 - SONY CORP [JP]
- [A] US 2004201277 A1 20041014 - HENTSCH INGMAR [DE], et al
- [A] WO 2005024553 A2 20050317 - IXI MOBILE INC [US], et al
- [A] EP 1271418 A1 20030102 - NOKIA CORP [FI]
- [A] WO 2007069906 A1 20070621 - KRANNIG-SCHMIDT ANNETTE [NO]
- [DA] JP 2004088339 A 20040318 - TOKAI RIKA CO LTD
- [A] "SPECIFICATION OF THE BLUETOOTH SYSTEM, CORE, VERSION 1.0 B, SERVICE DISCOVERY PROTOCOL (SDP)", INTERNET CITATION, XP002176975, Retrieved from the Internet <URL:www.bluetooth.com> [retrieved on 20010907]
- [A] "SPECIFICATION OF THE BLUETOOTH SYSTEM, PROFILES, VERSION 1.0 B, SERVICE DISCOVERY APPLICATION PROFILE", INTERNET CITATION, XP002176976, Retrieved from the Internet <URL:www.bluetooth.com> [retrieved on 20010907]

Cited by

JP2016517205A; CN108009664A; CN102122403A; CN105447932A; CN107005798A; NL1041353A; CN109285245A; CN104680625A; EP3358535A1; CN105160744A; CN111009055A; CN105205890A; CN105225311A; US2014068247A1; CN108027991A; AT513807B1; CN103236094A; SE545428C2; CN103927799A; ES2550733A1; CN104217478A; KR20150120531A; CN105051793A; CN105405182A; EP2487652A1; CN103679872A; CN104134259A; CN105160741A; EP3035299A1; CN107004317A; US10726654B2; US9934637B2; US10282930B2; US10136313B2; WO2014163968A1; WO2017041823A1; WO2013153249A1; WO2016096803A1; WO2013181682A1; US9542785B2; US11893845B2; US9330514B2; US10051429B2; US10453280B2; US10524095B2; US9058702B2; US9589401B2; US9672674B2; US11694498B2; US10013825B2; US10115256B2; US10643414B2; US11423723B2; EP2821970B1; US10127752B2; US10861263B2; US9852562B2; US10875741B2; US11010995B2; US11580801B2; US11617053B2; EP2701124A1; WO2014029774A1; US10186098B2; US10192380B2; US10733820B2; WO2015124168A1; US9841743B2; US10423136B2; US10878650B1; US11348396B2; US11887424B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2085934 A1 20090805; **EP 2085934 B1 20130717**; DK 2085934 T3 20131021

DOCDB simple family (application)

EP 08388005 A 20080131; DK 08388005 T 20080131