

Title (en)

Method and system for the control of lock and latch mechanisms

Title (de)

Verfahren und System zur Steuerung eines Schließ- und Verriegelungsmechanismus

Title (fr)

Procédé et système pour le contrôle de mécanismes de verrous et de loquets

Publication

EP 2562725 A1 20130227 (EN)

Application

EP 11461536 A 20110830

Priority

PL 39607611 A 20110824

Abstract (en)

The method for the control of a lock and latch mechanism using an encoded signal transmitted wirelessly from a transmitter and received by a receiver, processed into a signal to control actuators. The transmitter sends an encoded signal to the receiver and then this signal is transferred to a signal processing module where the signal is decoded and then transferred to a code identification module where it is compared with a code stored in a memory module; next, the signal is transferred to a module which generates signals to control an actuator, where, in the case of positive identification of the code a signal is generated and transferred to the actuator. The system for the control of a lock and latch mechanism consists of a mobile device (T) for sending wireless signals, a controller equipped with a transmitter-receiver of wireless signals, processing and code identification modules, a memory module and an actuator connected to the lock mechanism. In this system, the input of the processing module (2) is connected to the output of a signal transmitter-receiver (1), and the output of the processing module (2) is connected to an operating mode switch (3) whose one output is connected to a memory module (4), and a second output is connected to the input of an identification module (5), while the output of the identification module (5) is connected to an output signal generating module (6) whose outputs are connected to an actuator (7) and an alarm device (8), and additionally the output of the memory module (4) is connected to the input of the code identification module (5).

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP)

G07C 9/00182 (2013.01); **G07C 9/00817** (2013.01); **G07C 2009/00825** (2013.01)

Citation (applicant)

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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 2562725 A1 20130227; PL 221679 B1 20160531; PL 396076 A1 20130304

DOCDB simple family (application)

EP 11461536 A 20110830; PL 39607611 A 20110824