

Title (en)

Devices and methods for electronically controlling a mechanical door lock

Title (de)

Vorrichtungen und Verfahren zur elektronischen Steuerung eines mechanischen Türschlosses

Title (fr)

Dispositifs et procédés pour commander électroniquement un verrou mécanique de porte

Publication

EP 2666937 A1 20131127 (EN)

Application

EP 12169162 A 20120523

Priority

EP 12169162 A 20120523

Abstract (en)

Devices and methods of controlling a mechanical door lock are disclosed. In one aspect a device mountable on the mechanical door lock comprises an electronic controller coupled to a mechanism attachable to a key. A remote centre communicates with the device over a communication network. The remote centre actuates the device and controls the locking and unlocking state of the mechanical door lock. In another aspect, the device carries out a set of steps to effectuate a desired lock state of a mechanical door lock while ensuring reasonable high level of security.

IPC 8 full level

E05B 47/00 (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/0615** (2013.01); **E05B 47/0642** (2013.01); **G07C 9/00571** (2013.01); **G07C 9/00944** (2013.01); **E05B 2047/0036** (2013.01); **E05B 2047/0054** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0083** (2013.01); **E05B 2047/0091** (2013.01); **E05B 2047/0095** (2013.01); **E05B 2047/0096** (2013.01); **G07C 9/00309** (2013.01)

Citation (applicant)

EP 0168884 A2 19860122 - CHUBB LIPS NEDERLAND BV [NL]

Citation (search report)

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CN107429522A; FR3098838A1; EP3618014A1; CN115434578A; US9970215B2; WO2016176694A1

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)

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