

Title (en)
ELECTRONIC LOCK CONTROL SYSTEM, ELECTRONIC LOCK SYSTEM, CONTROL METHOD FOR ELECTRONIC LOCK CONTROL SYSTEMS, AND PROGRAM

Title (de)
ELEKTRONISCHES SCHLOSSSTEUERSYSTEM, ELEKTRONISCHES SCHLOSSSYSTEM, STEUERVERFAHREN FÜR ELEKTRONISCHE SCHLOSSSTEUERSYSTEME UND PROGRAMM

Title (fr)
SYSTÈME DE COMMANDE DE SERRURE ÉLECTRONIQUE, SYSTÈME DE SERRURE ÉLECTRONIQUE, PROCÉDÉ DE COMMANDE POUR SYSTÈMES DE COMMANDE DE SERRURE ÉLECTRONIQUE ET PROGRAMME

Publication
EP 3677743 A4 20200902 (EN)

Application
EP 18849863 A 20180830

Priority
• JP 2017168041 A 20170831
• JP 2018032093 W 20180830

Abstract (en)
[origin: EP3677743A1] An object of the present disclosure is to contribute to improving security performance. An electric lock control system (1) includes: a lock-end communications unit (13) to communicate wirelessly with a key device (2); and a lock-end control unit (11) to control an electric lock (3) in accordance with information that the lock-end communications unit (13) has received from the key device (2). When finding a decision condition satisfied while presence of any key device (2) is detected, according to quality of communication between the lock-end communications unit (13) and the key device (2), within a predetermined communication range, the lock-end control unit (11) performs first processing of shutting or opening the electric lock (3). On the other hand, when finding the decision condition unsatisfied for a predetermined wait time or more while the key device (2) is present within the communication range, the lock-end control unit (11) performs predetermined, second processing, which is different from the first processing.

IPC 8 full level
E05B 49/00 (2006.01); **G07C 9/00** (2020.01)

CPC (source: EP)
E05B 49/00 (2013.01); **G07C 9/00309** (2013.01); **G07C 2009/00769** (2013.01); **G07C 2209/08** (2013.01); **G07C 2209/63** (2013.01)

Citation (search report)
• [X] US 2014292481 A1 20141002 - DUMAS PHILIP C [US], et al
• [XI] US 2014049361 A1 20140220 - AHEARN JOHN ROBERT [US], et al
• [XI] US 2013176107 A1 20130711 - DUMAS PHILIP C [US], et al
• [XI] US 2017154484 A1 20170601 - PLÜSS MARCEL [CH], et al
• [A] US 2017232933 A1 20170817 - NISHIDAI TETSUO [JP], et al
• See references of WO 2019044962A1

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)
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DOCDB simple family (publication)
EP 3677743 A1 20200708; **EP 3677743 A4 20200902**; CN 111051630 A 20200421; JP 2019044462 A 20190322; JP 6817581 B2 20210120; WO 2019044962 A1 20190307

DOCDB simple family (application)
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