

Title (en)

A LOCK WITH WIRELESS COMMUNICATION MODULE AND A SYSTEM OF CACHES FOR STORING AND RETRIEVING OBJECTS

Title (de)

SCHLOSS MIT EINEM DRAHTLOSEN KOMMUNIKATIONSMODUL UND EINEM CACHESPEICHERSYSTEM ZUM SPEICHERN UND WIEDERAUFFINDEN VON OBJEKTEN

Title (fr)

SERRURE COMPRENANT UN MODULE DE COMMUNICATION SANS FIL ET UN SYSTÈME DE CACHES POUR STOCKER ET RÉCUPÉRER DES OBJETS

Publication

EP 3933151 A1 20220105 (EN)

Application

EP 21157000 A 20210213

Priority

PL 43451120 A 20200630

Abstract (en)

The subject of the invention is a lock with a wireless communication module comprising:• a housing (10, 11) with a slot,• a lock striker (12) adapted to be inserted into the slot in the housing, comprising a magnet (15) placed on the part of the lock striker (12), which, in the closed position of the lock, is located inside the slot of the housing (11),• a mechanism for moving the locking element (2), placed in the housing (10,11) nearby the slot, in such a way that in one of its positions the locking element blocks the lock striker (12) when it is located inside the slot,• a controller (7) for controlling the mechanism (2) equipped with a Wi-Fi communication module,wherein the walls of the housing (11) nearby the slot and the lock striker (12) are equipped with reinforcing metal plates (14).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] EP 3424481 A1 20190109 - CAPSA SOLUTIONS LLC [US]
- [A] US 2017234033 A1 20170817 - DEBOER NATHAN H [US], et al
- [A] WO 2017068211 A1 20170427 - OJMAR SA [ES]

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Designated extension state (EPC)

BA ME

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