Title (en)

MOBILE LOCK

Title (de)

MOBILES SCHLOSS

Title (fr)

SERRURE MOBILE

Publication

EP 3947868 A1 20220209 (DE)

Application

EP 20726328 A 20200511

Priority

- DE 102019113163 A 20190517
- EP 2020063007 W 20200511

Abstract (en)

[origin: WO2020234019A1] The invention relates to a mobile lock comprising a lock body and at least one securing part, in particular a U-bracket or block, which can be selectively locked to the lock body or released from the lock body. The lock body comprises at least one insertion opening for inserting the at least one securing part into the lock body, at least two sensors for detecting the securing part inserted into the lock body and for generating corresponding detection signals, an analysis and control circuit for ascertaining a current occupancy state of the lock body on the basis of the generated detection signals, wherein the analysis and control circuit is designed to assign different combinations of generated detection signals to different occupancy state of the lock body, and an electromechanical locking device which has at least one electrically drivable latch for locking the at least one securing part in the at least one insertion opening, said analysis and control circuit being designed to control the locking device.

IPC 8 full level

E05B 47/00 (2006.01); **E05B 67/22** (2006.01)

CPC (source: EP US)

E05B 45/06 (2013.01 - US); **E05B 47/0012** (2013.01 - EP US); **E05B 67/22** (2013.01 - EP); E05B 45/005 (2013.01 - US); E05B 2045/067 (2013.01 - EP); E05B 2047/0069 (2013.01 - EP US)

Citation (search report)

See references of WO 2020234019A1

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)

DE 102019113163 A1 20201119; EP 3947868 A1 20220209; EP 3947868 B1 20231115; EP 3947868 C0 20231115; US 2022220774 A1 20220714; WO 2020234019 A1 20201126; ZA 202108671 B 20231025

DOCDB simple family (application)

DE 102019113163 A 20190517; EP 2020063007 W 20200511; EP 20726328 A 20200511; US 202017611678 A 20200511; ZA 202108671 A 20211105