

Title (en)
PORTABLE U-LOCK

Title (de)
TRAGBARES BÜGELSCHLOSS

Title (fr)
VERROU EN U PORTABLE

Publication
EP 3994323 A1 20220511 (DE)

Application
EP 20761774 A 20200820

Priority
• DE 102019123477 A 20190902
• EP 2020073421 W 20200820

Abstract (en)
[origin: WO2021043592A1] A portable U-lock comprises a lock body, which houses an electromechanical locking mechanism, and a shackle, which has at least one locking section that can selectively be introduced into the lock body or released from the lock body, wherein the locking mechanism comprises at least one latch and an electric motor for driving the latch, and the latch is designed to lock the shackle locking section inserted into the lock body to the lock body in a locking position and to release the shackle locking section for removing from the lock body in a release position. The electric motor is designed to move the latch selectively out of the locking position and into the release position via a drive transmission section of the locking mechanism, and the lock body has a watertight casing which surrounds the electric motor.

IPC 8 full level
E05B 47/00 (2006.01); **E05B 17/00** (2006.01); **E05B 45/00** (2006.01); **E05B 67/00** (2006.01); **E05B 67/02** (2006.01)

CPC (source: EP US)
E05B 17/002 (2013.01 - EP); **E05B 45/06** (2013.01 - US); **E05B 47/0012** (2013.01 - EP US); **E05B 67/02** (2013.01 - EP); **E05B 71/00** (2013.01 - US); **E05B 17/0083** (2013.01 - EP); **E05B 45/005** (2013.01 - EP); **E05B 47/023** (2013.01 - EP); **E05B 47/026** (2013.01 - EP); **E05B 67/003** (2013.01 - EP); **E05B 2047/0017** (2013.01 - US); **E05B 2047/0058** (2013.01 - EP US); **E05B 2047/0067** (2013.01 - US); **E05B 2047/0069** (2013.01 - EP); **E05B 2047/0094** (2013.01 - EP); **G08B 3/00** (2013.01 - US)

Citation (search report)
See references of WO 2021043592A1

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 102019123477 A1 20210304; CN 114341452 A 20220412; CN 114341452 B 20231027; EP 3994323 A1 20220511; US 2022251877 A1 20220811; WO 2021043592 A1 20210311

DOCDB simple family (application)
DE 102019123477 A 20190902; CN 202080058709 A 20200820; EP 2020073421 W 20200820; EP 20761774 A 20200820; US 202017639485 A 20200820