

Title (en)

PADLOCK TYPE LOCKING DEVICE, AND METHOD FOR ASSEMBLING SUCH A DEVICE

Title (de)

VORHÄNGESCHLOSSVORRICHTUNG UND VERFAHREN ZUM ZUSAMMENBAU EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE VERROUILLAGE DU TYPE CADENAS, ET PROCÉDÉ D'ASSEMBLAGE D'UN TEL DISPOSITIF

Publication

**EP 3803001 B1 20220525 (FR)**

Application

**EP 19737825 A 20190527**

Priority

- FR 1854528 A 20180528
- FR 2019051226 W 20190527

Abstract (en)

[origin: WO2019229348A1] The invention relates to a padlock (1) comprising a body (2) and a loop (3) mounted to freely translate and rotate relative to said body, said body is provided with an orifice (7) and a groove arranged inside said orifice, said loop comprises a thin end portion (16) mounted in said orifice, and said padlock comprises an assembly component (4) mechanically secured to said thin end portion and housed in said groove, said assembly component being configured to allow said loop to rotate relative to said body and to also allow said loop to translationally move in said orifice of said body between a first position, in which said padlock is in a closed state, and a second position, in which said padlock is in an open state, and said assembly component forms a stop on said thin end portion.

IPC 8 full level

**E05B 67/06** (2006.01); **E05B 17/00** (2006.01); **E05B 67/22** (2006.01)

CPC (source: EP)

**E05B 17/0004** (2013.01); **E05B 67/06** (2013.01); **E05B 67/22** (2013.01)

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

DOCDB simple family (publication)

**FR 3081484 A1 20191129**; **FR 3081484 B1 20220722**; CN 112204213 A 20210108; CN 112204213 B 20220503; EP 3803001 A1 20210414; EP 3803001 B1 20220525; WO 2019229348 A1 20191205

DOCDB simple family (application)

**FR 1854528 A 20180528**; CN 201980036087 A 20190527; EP 19737825 A 20190527; FR 2019051226 W 20190527