

Title (en)

LOCK FOR A CLOSURE ELEMENT OF A REAL ESTATE PROPERTY, AND CORRESPONDING CLOSURE ELEMENT

Title (de)

SCHLOSS FÜR EIN VERSCHLUSSELEMENT EINER IMMOBILIE SOWIE ENTSPRECHENDES VERSCHLUSSELEMENT

Title (fr)

SERRURE POUR UN ÉLÉMENT DE FERMETURE D'UN BIEN IMMOBILIER AINSI QU'ÉLÉMENT DE FERMETURE CORRESPONDANT

Publication

EP 3529436 B1 20220525 (DE)

Application

EP 17804447 A 20171017

Priority

- DE 102016012609 A 20161019
- EP 2017076470 W 20171017

Abstract (en)

[origin: WO2018073245A1] The invention relates to a lock (6) for a closure element (2) of a real estate property, comprising a pivoting catch (41) on which a spring acts in a preferred direction, a locking member (38), and a manual or mechanical drive device (37). The locking member (38) is designed as a rotary locking member (39) that is driven by the drive device (37) in a circulating manner about a locking member axis (40) in only one rotational direction and comprises multiple locking elements (42) which are offset to one another over the angle at the circumference of the locking member and which interact with the pivoting catch (41) as respective tumblers depending on the rotational angle. Only one of the locking elements (42) constantly acts directly on the pivoting catch (41) for a locking and unlocking process, and the adjacent locking element (42) opposite the rotational direction of the rotary locking member (39) acts on the pivoting catch (41) by rotating the rotary locking member (39) for a subsequent locking and unlocking process.

IPC 8 full level

E05B 47/02 (2006.01); **E05B 17/00** (2006.01); **E05B 47/06** (2006.01); **E05B 63/00** (2006.01); **E05B 63/14** (2006.01); **E05C 3/26** (2006.01)

CPC (source: EP US)

E05B 15/0295 (2013.01 - EP); **E05B 17/0029** (2013.01 - EP US); **E05B 47/023** (2013.01 - EP US); **E05B 47/0607** (2013.01 - US); **E05B 63/0052** (2013.01 - EP US); **E05B 63/14** (2013.01 - EP US); **E05B 63/24** (2013.01 - EP); **E05C 3/24** (2013.01 - EP); **E05C 3/26** (2013.01 - EP); **E05B 47/0012** (2013.01 - EP); **E05B 47/0607** (2013.01 - EP); **E05B 2015/0235** (2013.01 - EP); **E05B 2047/0017** (2013.01 - EP US); **E05B 2047/002** (2013.01 - EP US); **E05B 2047/0035** (2013.01 - EP US); **E05B 2047/0067** (2013.01 - US); **E05B 2047/0069** (2013.01 - EP); **E05B 2063/0026** (2013.01 - EP)

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)

DE 102016012609 A1 20180419; CN 109844245 A 20190604; EP 3529436 A1 20190828; EP 3529436 B1 20220525; PL 3529436 T3 20220919; US 2019376315 A1 20191212; WO 2018073245 A1 20180426

DOCDB simple family (application)

DE 102016012609 A 20161019; CN 201780064865 A 20171017; EP 17804447 A 20171017; EP 2017076470 W 20171017; PL 17804447 T 20171017; US 201716341519 A 20171017