

Title (en)

FLAT KEY FOR CYLINDER LOCK AND CYLINDER LOCK

Title (de)

FLACHSCHLÜSSEL FÜR EIN ZYLINDERSCHLOSS UND ZYLINDERSCHLOSS

Title (fr)

CLÉ PLATE POUR SERRURE CYLINDRIQUE ET SERRURE CYLINDRIQUE

Publication

EP 3814590 B1 20240110 (DE)

Application

EP 19728911 A 20190528

Priority

- AT 505312018 A 20180628
- EP 2019063817 W 20190528

Abstract (en)

[origin: WO2020001901A1] The invention relates to a flat key (1) for a cylinder lock, comprising at least one coded face (2) extending along the longitudinal extension of the flat key (1), wherein, for coding, control points (3, 3', 3'') are provided on the face (2) at scanning positions (5) and are connected by a control groove (6), and wherein coding features to be read in the cylinder lock are provided at the control points (3, 3', 3''), the coding feature at a first control point (3') forming a different angle with the central longitudinal plane (8) of the of flat key (1) than the coding feature at a second control point (3''). The invention also relates to a cylinder lock and a system formed of a flat key and a cylinder lock.

IPC 8 full level

E05B 19/00 (2006.01); **E05B 15/14** (2006.01); **E05B 27/00** (2006.01)

CPC (source: AT EP IL)

E05B 15/14 (2013.01 - EP IL); **E05B 19/0023** (2013.01 - AT EP IL); **E05B 19/0035** (2013.01 - AT); **E05B 19/0041** (2013.01 - EP IL); **E05B 19/0058** (2013.01 - EP IL); **E05B 27/0017** (2013.01 - EP IL); **E05B 27/0042** (2013.01 - AT); **E05B 27/0078** (2013.01 - AT EP IL)

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)

WO 2020001901 A1 20200102; AT 521181 A4 20191115; AT 521181 B1 20191115; AU 2019296344 A1 20201217; EP 3814590 A1 20210505; EP 3814590 B1 20240110; ES 2974221 T3 20240626; IL 279817 A 20210301; SG 11202011584S A 20210128; UA 128405 C2 20240703

DOCDB simple family (application)

EP 2019063817 W 20190528; AT 505312018 A 20180628; AU 2019296344 A 20190528; EP 19728911 A 20190528; ES 19728911 T 20190528; IL 27981720 A 20201228; SG 11202011584S A 20190528; UA A202100250 A 20190528