

Title (en)
Cylinder lock with plate tumblers

Title (de)
Zylinderschloss mit Plättchenzuhaltungen

Title (fr)
Serrure cylindrique à paillettes

Publication
EP 2083136 A2 20090729 (DE)

Application
EP 09151033 A 20090121

Priority
DE 202008000911 U 20080122

Abstract (en)
The lock has a cylinder housing (1) with a cylinder wall (2), and a cylindrical core recess (3) in which a rotatably fitted cylindrical core (6) having an axial key channel (9) is provided around its central longitudinal axis. A plate tumbler (13) is provided on a side of a central longitudinal level (25) that lies perpendicular to longitudinal bars (16, 17) of a frame. Steering levels (24) provided at a distance from the level (25) protrudes in the interior of the frame. The steering levels have the tumbler at a distance from the level (25), and are provided on both sides of the channel. An independent claim is also included for a flat key that is formed as a reversible key for a cylinder lock.

Abstract (de)
Die Erfindung betrifft ein Zylinderschloss mit Plättchenzuhaltungen und einen Schlüssel für das Schloss, das insbesondere als Kraftfahrzeugtürschloss verwendbar ist.

IPC 8 full level
E05B 29/00 (2006.01); **E05B 19/00** (2006.01)

CPC (source: EP US)
E05B 29/00 (2013.01 - EP US); **E05B 19/0052** (2013.01 - EP US); **Y10T 70/7525** (2015.04 - EP US); **Y10T 70/7599** (2015.04 - EP US); **Y10T 70/7695** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US)

Citation (applicant)
• DE 7203658 U 19790104
• DE 2742165 C2 19841025

Cited by
DE102015000213A1; DE102015000213A8; EP3043011A1; US10370868B2; DE102015000213B4

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202008000911 U1 20080327; CN 101492980 A 20090729; EP 2083136 A2 20090729; EP 2083136 A3 20100602; US 2009188286 A1 20090730; US 8276419 B2 20121002

DOCDB simple family (application)
DE 202008000911 U 20080122; CN 200910005949 A 20090122; EP 09151033 A 20090121; US 35619409 A 20090120