

Title (en)
Lock cylinder for flat key

Title (de)
Schließzylinder für Gabelschlüssel

Title (fr)
Cylindre de serrure pour clé plate.

Publication
EP 2407616 B1 20150422 (FR)

Application
EP 11173597 A 20110712

Priority
FR 1055734 A 20100713

Abstract (en)
[origin: EP2407616A2] The cylinder has a rotor (2) rotated in a hole of a stator (1) and comprising a key channel (3) to receive a flat key (5). Stator and rotor pins are arranged toward the channel by a spring (6). An active key stop (4) in the channel occupies locking and release positions in which the stop prevents and authorizes rotation of the rotor. The stop is pushed into the stator by second and third springs (16, 17) in a locking position for preventing rotation of rotor during absence of key. The stop is pushed into the rotor in a release position to authorize the rotation of rotor in the presence of key.

IPC 8 full level
E05B 19/04 (2006.01); **E05B 27/00** (2006.01); **E05B 35/14** (2006.01)

CPC (source: EP)
E05B 27/0042 (2013.01); **E05B 35/14** (2013.01); **E05B 19/04** (2013.01)

Cited by
EP4105414A1; FR3124206A1; CZ308995B6; US10316547B2; EP3020893A1; CN105587176A; AU2015252157B2; CN113266203A; EP4047161A1

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)
EP 2407616 A2 20120118; EP 2407616 A3 20120425; EP 2407616 B1 20150422; DK 2407616 T3 20150727; ES 2541615 T3 20150722; FR 2962752 A1 20120120; FR 2962752 B1 20120817

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EP 11173597 A 20110712; DK 11173597 T 20110712; ES 11173597 T 20110712; FR 1055734 A 20100713