

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)  
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DOCDB simple family (publication)  
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