

Title (en)

Cylinderlock with tumbler pin and associated key

Title (de)

Zylinderschloss mit Sperrstift und zugehöriger Schlüssel

Title (fr)

Serrure à pompe avec goupille et clef associée

Publication

**EP 1783306 A1 20070509 (FR)**

Application

**EP 06291694 A 20061031**

Priority

FR 0511294 A 20051107

Abstract (en)

The lock has a tubular stator (1) receiving a rotor (2) that is equipped with a head (17) presenting a key housing (3). A grooved case houses grooves that are mobile around a shaft and cooperate with end shapes provided at an axial end of a key. A pin (4) is guided in translation in the rotor along a transversal axis relative to a plane of the housing and includes an end (8) projecting inside the housing and an end (9) penetrating inside a strike plate of the stator. A spring (11) housed in the rotor exerts a centripetal return force on the pin. An independent claim is also included for a key for a Bramah lock or tumbler lock.

IPC 8 full level

**E05B 29/00** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)

**E05B 29/002** (2013.01); **E05B 27/0042** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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**EP 06291694 A 20061031**; FR 0511294 A 20051107