

Title (en)
Lock cylinder

Title (de)
Schliesszylinder

Title (fr)
Serrure cylindrique

Publication
EP 1607553 B1 20160803 (DE)

Application
EP 05405371 A 20050608

Priority
CH 10092004 A 20040615

Abstract (en)
[origin: EP1607553A2] The cylinder has a rotor (3) mounted in cylinder housing, and including a keyway into which a shank of a standard key provided with control surfaces is pushed in order to position tumblers. The tumblers have coding units (13) arranged in bores in the housing in a programming position of the rotor. A basic code is changed using a change key that interacts with three rows of the tumblers in the programming position.

IPC 8 full level
E05B 27/00 (2006.01); **E05B 27/06** (2006.01)

CPC (source: EP US)
E05B 27/005 (2013.01 - EP US); **E05B 27/0014** (2013.01 - EP US); **E05B 27/0017** (2013.01 - EP US); **Y10T 70/7452** (2015.04 - EP US); **Y10T 70/7565** (2015.04 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7734** (2015.04 - EP US); **Y10T 70/774** (2015.04 - EP US)

Cited by
CN104895410A; CN102995970A; EP2851491A3

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1607553 A2 20051221; **EP 1607553 A3 20100630**; **EP 1607553 B1 20160803**; AU 2005202541 A1 20060105; AU 2005202541 B2 20100805; US 2005274162 A1 20051215; US 7181937 B2 20070227

DOCDB simple family (application)
EP 05405371 A 20050608; AU 2005202541 A 20050610; US 15224905 A 20050615