

Title (en)
CYLINDER LOCK

Title (de)
ZYLINDERSCHLOSS

Title (fr)
SERRURE A BARILLET

Publication
EP 2262964 B1 20161026 (EN)

Application
EP 08844289 A 20081021

Priority
• BG 2008000019 W 20081021
• BG 10998407 A 20071030

Abstract (en)
[origin: WO2009055881A1] The invention relates to cylinder lock, which can be implemented in the locking devices with increased security for living houses, etc. buildings. The cylinder lock comprises housing (1), outer core (4) and inner core (5) with identical lengths fixed thereto by rings (3), between said cores a cam (8) is freely mounted. In the coaxial formed basic bores (11) and (12) respectively in the housing (1) and in the outer core (4) and in the inner core (5) there are disposed closing pins (16), springs (13), housing pins (14) and core pins (15). Throughout one of the basic bores (12) of the outer core (4) there is formed an additional slot (9) arranged in the same plane with the slot (2) formed in the front part of the housing (1) so that one common slot forms providing a weaken cross section wherein a plastic holder (10) is mounted closing the common slot so that therein a spring (13), a housing pin (14) and a core pin (15) are placed.

IPC 8 full level
E05B 17/00 (2006.01)

CPC (source: EP)
E05B 17/0062 (2013.01); **E05B 9/04** (2013.01); **E05B 15/1614** (2013.01); **E05B 15/1635** (2013.01); **E05B 27/0042** (2013.01)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009055881 A1 20090507; CY 1118598 T1 20170712; EP 2262964 A1 20101222; EP 2262964 B1 20161026; ES 2612113 T3 20170512; HR P20170120 T1 20170324; HU E032920 T2 20171128; LT 2262964 T 20170210; PL 2262964 T3 20170531; PT 2262964 T 20170206; RU 2010103418 A 20111210; RU 2473764 C2 20130127; SI 2262964 T1 20170331; UA 94193 C2 20110411

DOCDB simple family (application)
BG 2008000019 W 20081021; CY 171100081 T 20170119; EP 08844289 A 20081021; ES 08844289 T 20081021; HR P20170120 T 20170125; HU E08844289 A 20081021; LT 08844289 T 20081021; PL 08844289 T 20081021; PT 08844289 T 20081021; RU 2010103418 A 20081021; SI 200831755 A 20081021; UA A201005853 A 20081021