

Title (en)

CYLINDER LOCK WITH A BRIDGE ELEMENT CONNECTING HOUSING PARTS

Title (de)

ZYLINDERSCHLOSS MIT EINEM BRÜCKENELEMENT ZUM VERBINDEN VON GEHÄUSETEILEN

Title (fr)

SERRURE À CYLINDRE COMPORTANT UN ÉLÉMENT PONT RELIANT DES PARTIES DE CORPS

Publication

EP 2989272 B1 20170531 (EN)

Application

EP 14728809 A 20140327

Priority

- BG 240013 A 20130423
- BG 2014000015 W 20140327

Abstract (en)

[origin: WO2014172760A1] Cylinder lock with bridge element connecting housing parts can be implemented in the locking devices for residential houses, public and industrial buildings where is required high degree of burglary resistance. The cylinder lock comprises outer and inner housing parts (1) and (2), having rotatable mounted therein respectively outer and inner cores (3) and (4), between them there is mounted cam (5). Housing parts (1) and (2) are joined by means of solid bridge connecting element (6) comprising central thickened portion (6a) with two lateral arms (6b). The central thickened portion (6a) is disposed just below cam (5), and the arms (6b) are mounted in longitudinal housing bores (7) formed in the housing parts (1) and (2). The connecting element (6) is fixed to the outer and inner housing parts (1) and (2) through screw fit by realized on its arms (6b) end portions external thread (6c) engaged in respective internal thread (9a) of fixing sleeves (9) mounted in transversal slots (8) formed in the housing parts (1) and (2).

IPC 8 full level

E05B 9/04 (2006.01); **E05B 17/20** (2006.01)

CPC (source: EP RU)

E05B 9/042 (2013.01 - EP); **E05B 17/2084** (2013.01 - RU); **E05B 9/042** (2013.01 - RU); **E05B 17/2084** (2013.01 - EP)

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