

Title (en)
CYLINDER LOCK

Title (de)
ZYLINDERSCHLOSS

Title (fr)
SERRURE À CYLINDRE

Publication
EP 2691586 A1 20140205 (EN)

Application
EP 12713577 A 20120306

Priority
• BG 195311 U 20110329
• BG 2012000006 W 20120306

Abstract (en)
[origin: WO2012129615A1] Cylinder lock with composite cam, applicable in the field of light industry, especially in the field of locking devices with high security for residential houses, public and other buildings, cabinets, safes and others. The composite cam (1), consisting of two identical parts (4), in assembled state represents a ring (2) with a tooth (3). The parts (4) of the cam (1) are interlocked each other, at first around a transmitting plate (5), which engages by means of locking teeth (6) in radial holes (10) of the parts (4), whereby they form the closed ring (2), which by its protruded inwards periphery covers the inner edges of cylinder cores (15) and (16) of the cylinder lock through respective ring channels (18). Secondly, both parts (4) are connected each other in the area of the tooth (3) by spring pin (13), passing through longitudinal holes (14) formed therein, so that complementing each other the parts (4) form an entire cam (1), which rotates through a switch (17) by one of cylinder cores (15,16) rotation.

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