

Title (en)  
ANTI-INTRUSION CYLINDER FOR LOCKS

Title (de)  
EINBRUCHVERHINDERNDER ZYLINDER FÜR SCHLÖSSER

Title (fr)  
CYLINDRE ANTI-INTRUSION POUR SERRURES

Publication  
**EP 3443186 B1 20200219 (EN)**

Application  
**EP 16728406 A 20160413**

Priority  
IT 2016000093 W 20160413

Abstract (en)  
[origin: WO2017179077A1] An anti-intrusion cylinder (1) for locks, comprising a stator (2) provided with a substantially cylindrical longitudinal cavity (3) for accommodating a rotor (4) with a longitudinal recess (5) for the insertion of a key (6); the rotor (4) and the stator (2) comprise a plurality of channels (7), which are substantially aligned and face each other when the cylinder (1) is in the closed configuration; the channels (7) accommodate respective coding pins (8), driver pins (9) and optional elastic means (7a) preset to prevent the rotation of the rotor (4) in the stator (2) in the absence of the key (6) in the longitudinal recess (5); at least one of the driver pins (9) comprises a stem (10), which is accommodated slidingly with mechanical play in the portion of the stator (2) of a respective channel (7); the stem (10) is provided with a mushroom-shaped tip (11) that has a smaller diameter than the stem (10). The tip (11) faces and is proximate to the corresponding coding pin (8); at least one contoured annular body (13) has a diameter substantially similar to the diameter of the channel (7) and is fitted with mechanical play on the mushroom-shaped tip (11).

IPC 8 full level  
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