

Title (en)  
CYLINDER LOCK WITH ANTI-BREAKING FUNCTION

Title (de)  
ZYLINDERSCHLOSS MIT ANTIBRUCHFUNKTION

Title (fr)  
SERRURE À CYLINDRE PRÉSENTANT FONCTION ANTI-RUPTURE

Publication  
**EP 2992152 B1 20171220 (EN)**

Application  
**EP 14733965 A 20140414**

Priority  
• BG 240213 A 20130429  
• BG 2014000016 W 20140414

Abstract (en)  
[origin: WO2014176647A1] Cylinder lock with anti-breaking function can be implemented in locking devices with increased security for living houses, public and industrial buildings. The cylinder lock consists of inner housing part (1) with rotatable mounted therein inner core (3), in channel (13) of which there is disposed composite cam (7), and outer housing part (2) with rotatable mounted therein outer core (4). Both housing parts (1, 2) are joined by connecting element (5) with weakened section. In the inner core (3) there is formed radial profile core bore (20) in which there is disposed retaining element (21) under the spring (25) and pin (26) pressure. In the inner core (3) there is disposed extender (22), supporting compression spring (12), which pushes first switching element (10a) together with central pin (19) until its engagement in a forward position with first transmitting plate (9) in the composite cam (7), so that the retaining element (21) gets out of the radial profile core bore (20) and falls onto the extender (22) behind the first switching element (10a).

IPC 8 full level  
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