

Title (en)
CYLINDER FOR A SAFETY LOCK

Publication
EP 0330803 B1 19921216 (DE)

Application
EP 88810765 A 19881108

Priority
CH 81488 A 19880304

Abstract (en)
[origin: EP0330803A2] The rotary lock cylinder has a cylinder core (3) and a housing (1), hardened spring-loaded housing pins (4) and core pins (5) being mounted in radially extending bores. By means of a key to be inserted into the key channel (8), the tumbler pins (4, 5) are arranged so as to allow the rotation of the cylinder core (3). The cylinder core (3) has, in bores (10), pins (11) made of hardened steel which extend in the longitudinal direction of the cylinder core (3). The pins (11) are so arranged that, when a screw is screwed in, it is guided on the pins (11) and the core pins and housing pins (5, 4) are thereby pressed into the cylinder housing (1) to the extent of a spring block. When the screw is rotated further, the thread flights on the hardened tumbler pins (5) are peeled off. As a result of this measure, the screw has no hold in the cylinder and therefore cannot tear the cylinder or pull the core (3). <IMAGE>

IPC 1-7
E05B 27/06

IPC 8 full level
E05B 15/16 (2006.01); **E05B 27/06** (2006.01)

CPC (source: EP)
E05B 15/1614 (2013.01)

Cited by
FR2763091A1; FR2689557A1; EP1449989A1; GB2399385A; EP0985787A2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0330803 A2 19890906; EP 0330803 A3 19900613; EP 0330803 B1 19921216; AT E83527 T1 19930115; BR 8901004 A 19891024; CH 676272 A5 19901228; DE 3876784 D1 19930128; DE 8814292 U1 19881229; ES 2036281 T3 19930516; GR 3006635 T3 19930630; IL 89442 A0 19890910; IL 89442 A 19920329

DOCDB simple family (application)
EP 88810765 A 19881108; AT 88810765 T 19881108; BR 8901004 A 19890303; CH 81488 A 19880304; DE 3876784 T 19881108; DE 8814292 U 19881115; ES 88810765 T 19881108; GR 920403081 T 19921222; IL 8944289 A 19890301