

Title (en)  
Cylinder lock

Title (de)  
Schliesszylinder

Title (fr)  
Serrure cylindrique

Publication  
**EP 0972896 B1 20030820 (DE)**

Application  
**EP 99112307 A 19990626**

Priority  
DE 19831846 A 19980716

Abstract (en)  
[origin: EP0972896A1] A security design cylinder lock has the lock cylinder (7) fitted onto a support mounting (5) which is selected to fit the gap between the end plates (3,4) of the lock housing, ie. to match the thickness of the door using a universal lock. The cylinder is attached to the mounting by shear pins (15,16) and with an angled thrust face (18) between the cylinder and the mounting. If an excessive axial force is applied to the cylinder the thrust faces cause the cylinder to twist on its axis and break the shear pins. The twist action jams the cylinder inside the lock housing and prevents further forcing of the lock.

IPC 1-7  
**E05B 17/20**; E05B 9/08; E05B 9/10; E05B 17/00

IPC 8 full level  
**E05B 9/08** (2006.01); **E05B 9/10** (2006.01); **E05B 17/00** (2006.01); **E05B 17/20** (2006.01)

CPC (source: EP)  
**E05B 9/042** (2013.01); **E05B 9/084** (2013.01); **E05B 17/2084** (2013.01); **E05B 17/0062** (2013.01)

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

DOCDB simple family (publication)  
**EP 0972896 A1 20000119**; **EP 0972896 B1 20030820**; AT E247755 T1 20030915; DE 19831846 A1 20000120; DE 59906649 D1 20030925; ES 2207078 T3 20040516

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