

Title (en)  
Cylinder lock

Title (de)  
Zylinderschloss

Title (fr)  
Serrure à cylindre

Publication  
**EP 0808970 A3 19980527 (DE)**

Application  
**EP 96118819 A 19961125**

Priority  
DE 29609077 U 19960521

Abstract (en)  
[origin: EP0808970A2] Cylinder lock comprises: (a) a cylindrical housing (1), in which an opening (15) leads into one of the sides of the housing with a key channel (3) running in the longitudinal direction with a core (2). A flat key can be used in the key channel (3); (b) several rows of housing pegs (9-13) and core pegs (4-8) forming holders; and (c) a sliding bolt (21) driven by the core (2). The lock is arranged in an opening of an object to be secured and secured there. The novelty is that a supporting disk (16) is arranged in the opening (15) to radially reinforce this part of the inner cylindrical housing section (14). The section (14) is provided with a tangentially running surface (42) extending longitudinally to the housing (1) in the region of the disk (16) on its outer side. The surface (42) is secured to the sliding bolt (21) and gives a defined distortion, distortion direction, and support for the bolt (21).

IPC 1-7  
**E05B 27/00**

IPC 8 full level  
**E05B 27/00** (2006.01)

CPC (source: EP)  
**E05B 17/2084** (2013.01); **E05B 27/00** (2013.01); **E05B 17/0062** (2013.01)

Citation (search report)  
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• [A] US 5177466 A 19930105 - LAI CHUNG C [TW]  
• [A] EP 0224104 A1 19870603 - NEIMAN SA [FR]  
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AT CH DE LI

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