

Title (en)
Cylinder lock

Title (de)
Zylinderschloss

Title (fr)
Serrure à cylindre

Publication
EP 0808970 B1 19990811 (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)

Cited by
EP0957219A1; CN102661084A; DE102007062162A1

Designated contracting state (EPC)
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EP 0808970 A2 19971126; EP 0808970 A3 19980527; EP 0808970 B1 19990811; AT E183277 T1 19990815; DE 29609077 U1 19960814; DE 59602711 D1 19990916

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