

Title (en)

Key for cylinder lock and cylinder lock operatable with said key

Title (de)

Zylinderschlossschlüssel und Zylinderschloss bedienbar mit diesem Schlüssel

Title (fr)

Clé pour barillet de serrure et barillet de serrure manoeuvrable avec ladite clé

Publication

EP 0794305 B1 20010704 (FR)

Application

EP 97400516 A 19970306

Priority

FR 9602900 A 19960307

Abstract (en)

[origin: EP0794305A1] The barrel lock key comprises a web (3) in which a notch housing (6) encloses a sliding or rolling ball (7). The ball can displace freely in the housing to engage a movable part of the barrel rotor. The ball is retained in the key web notch and orientated longitudinally parallel to the key shaft axis (1). The ball displaces parallel to the axis when it engages the barrel rotor movable part. The notch has in its edges (6a) two opposite indentations (8). These hold the ball in the notch and form at their opposite ends stops (8a) limiting longitudinal displacement of the ball. The notch is constituted by two end arched and concave parts (10,11) joined by a plane part on which the ball rolls between the stops.

IPC 1-7

E05B 29/00; **E05B 35/00**

IPC 8 full level

E05B 19/06 (2006.01); **E05B 29/00** (2006.01); **E05B 29/06** (2006.01); **E05B 35/00** (2006.01); **E05B 35/04** (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP)

E05B 29/002 (2013.01); **E05B 35/003** (2013.01); **E05B 15/0053** (2013.01)

Citation (examination)

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EP 0794305 A1 19970910; **EP 0794305 B1 20010704**; DE 69705445 D1 20010809; DE 69705445 T2 20020516; DE 794305 T1 19980514; ES 2114845 T1 19980616; ES 2114845 T3 20011116; FR 2745843 A1 19970912; FR 2745843 B1 19980417

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