

Title (en)
Key and exchangeable double cylinder for a safety lock

Title (de)
Schlüssel und Einbau-Doppelzylinder für ein Sicherheitsschloss

Title (fr)
Clef et double cylindre encastrable pour une serrure de sécurité

Publication
EP 0670401 B1 19971112 (DE)

Application
EP 95810101 A 19950216

Priority
CH 65494 A 19940304

Abstract (en)
[origin: EP0670401A1] The key's (1,2) shaft has an extension element (5,7) in which tumblers in the form of core pins and housing pins can be positioned in an opposite-facing cylinder-half (10,11) for rotary release. The cylinder core has two rotors (21,27) at least one (21) of which is made of hard material, for example hardened steel, and has hard metal pins (22) on it. With the exception of the key guide (24), the rotor is solid and has a flange (23) resting on the inside of the cylinder housing (10a). At least one cylinder half (10) has a sprung slide-piece (17) by which the rotor is centred when the key is removed. The two cylinder halves are joined by a bridge-piece (15).

IPC 1-7
E05B 9/10

IPC 8 full level
E05B 27/10 (2006.01); **E05B 9/04** (2006.01); **E05B 9/10** (2006.01); **E05B 35/12** (2006.01)

CPC (source: EP US)
E05B 9/045 (2013.01 - EP US); **E05B 19/18** (2013.01 - EP US); **E05B 35/08** (2013.01 - EP US); **E05B 15/1614** (2013.01 - EP US); **Y10S 70/60** (2013.01 - EP US); **Y10T 70/7808** (2015.04 - EP US); **Y10T 70/7814** (2015.04 - EP US)

Cited by
WO2014199224A1; CN103967341A; CN103334641A; CN104563607A; EP2987930A1; DE10302887B4; WO2016135717A1

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