

Title (en)

Locking cylinder and flat key with variable key section therefor

Title (de)

Schliesszylinder mit zugeordnetem Flachschlüssel im variablen Stufenprofil

Title (fr)

Serrure cylindrique et clé plate à profile variable y appartenant

Publication

EP 0953699 B1 20010808 (DE)

Application

EP 99105001 A 19990318

Priority

- DE 19815212 A 19980404
- DE 29806241 U 19980404
- DE 19831198 A 19980711

Abstract (en)

[origin: EP0953699A2] The two flat sides of the key shaft (2) have longitudinal grooves and or ridges which differ from the longitudinal profile of the tip part. The shaft at the key-bit has at least one key notch (5') in the key-bit in the tip part (4).for controlling a tumbler pin. The tip profile is thinner than the shaft profile so that it is contained inside the shaft profile.

IPC 1-7

E05B 19/00; **E05B 15/08**

IPC 8 full level

E05B 15/08 (2006.01); **E05B 19/00** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)

E05B 15/08 (2013.01); **E05B 27/0042** (2013.01); **E05B 19/0052** (2013.01); **E05B 27/0007** (2013.01)

Cited by

EP2031160A3; EP2990567A1; EP2360334A3; EP1806467A3; EP2770139A3; EP2031160A2

Designated contracting state (EPC)

AT DE FR IE IT NL SE

DOCDB simple family (publication)

EP 0953699 A2 19991103; **EP 0953699 A3 19991201**; **EP 0953699 B1 20010808**; AT E204053 T1 20010815; DE 59900185 D1 20010913

DOCDB simple family (application)

EP 99105001 A 19990318; AT 99105001 T 19990318; DE 59900185 T 19990318