

Title (en)

Flat key for lock cylinder with pin tumblers, whereby the lock cylinder is part of a lock system

Title (de)

Flachschlüssel für mit Stiftzuhaltungen ausgestattete Schliesszylinder einer Schliessanlage

Title (fr)

Cléf plate pour une serrure à goupilles d'un système de verrouillage

Publication

EP 0861957 A3 20000405 (DE)

Application

EP 97119312 A 19971105

Priority

DE 19707932 A 19970227

Abstract (en)

[origin: EP0861957A2] The key shaft has a basic profile with T-shaped cross-section. The T-bar forms a guide arm with guide surfaces. The vertical T stem running along the lengthwise centre plane forms the breast at the end side, and possesses broad side surfaces for forming profiled ridges which have curved cross-sectional outlines. The opposite-facing broad side surfaces (5,6) each form at least one longitudinal groove (7,8) with a groove-base protruding beyond the lengthwise centre plane (M-M). The sides of the groove and the breast surface (4) run in a circle or ellipse at a tangent from the broad side surfaces.

IPC 1-7

E05B 19/00

IPC 8 full level

E05B 19/00 (2006.01); **E05B 19/06** (2006.01)

CPC (source: EP US)

E05B 19/0029 (2013.01 - EP US); **Y10T 70/7864** (2015.04 - EP US); **Y10T 70/787** (2015.04 - EP US)

Citation (search report)

- [DA] DE 1928504 A1 19701210 - WINKHAUS FA AUGUST
- [A] EP 0534589 A1 19930331 - DOM SICHERHEITSTECHNIK [DE]
- [A] US 4368629 A 19830118 - PRUNBAUER KURT [AT]

Cited by

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0861957 A2 19980902; **EP 0861957 A3 20000405**; **EP 0861957 B1 20030723**; AT E245752 T1 20030815; CA 2230832 A1 19980827; CA 2230832 C 20060221; DE 19707932 A1 19980903; DE 19707932 C2 20000302; DE 59710470 D1 20030828; DK 0861957 T3 20031117; ES 2201238 T3 20040316; PT 861957 E 20031031; US 6145357 A 20001114

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