

Title (en)

PROFILE SYSTEM FOR FORMING THE CROSS-SECTION OF FLAT KEYS AND OF KEY CHANNELS

Title (de)

PROFILSYSTEM ZUR QUERSCHNITTAUSBILDUNG VON FLACHSCHLÜSSELN SOWIE VON SCHLÜSSELKANÄLEN

Title (fr)

SYSTEME PROFILE POUR LA FORMATION DE LA SECTION TRANSVERSALE DE CLES PLATES AINSI QUE DE CANAUX DE CLE

Publication

**EP 1362153 A1 20031119 (DE)**

Application

**EP 02782424 A 20020424**

Priority

- AT 0200124 W 20020424
- AT 5332001 U 20010704

Abstract (en)

[origin: WO03004806A1] The invention relates to a profile system for forming the cross-section of flat keys (1, 7, 10, 15) and of key channels (9) in closing cylinders. Said system comprises grooves (2, 3, 11, 12, 13, 13', 14, 14', 16) or ribs (2', 3') of a guiding and variation profile. A branching groove (4, 8, 17) or branching rib (4', 8') branches off from at least one groove (2, 3, 16) or rib (2', 3'), and its groove direction or angular position are different from that of the groove (2, 3, 16) or rib (2', 3') from which it branches off, diverging at a 60 DEG angle, for example. The branching grooves (4, 8, 17) or branching ribs (4', 8') can branch off as a bifurcation from the end of a groove (4, 8, 17) or rib (2', 3'), but preferably from a lateral flank of a groove (4, 8, 17).

IPC 1-7

**E05B 27/00**; **E05B 19/00**

IPC 8 full level

**E05B 19/00** (2006.01); **E05B 19/06** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)

**E05B 19/0029** (2013.01)

Citation (search report)

See references of WO 03004806A1

Cited by

AT500638A1; AT500638B1; WO2012088562A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03004806 A1 20030116**; AT 410460 B 20030526; AT 5395 U1 20020625; AT A6422002 A 20020915; AT E274121 T1 20040915; AU 2002354811 A1 20030121; AU 2002354811 B2 20040722; AU 2002354811 B9 20041216; CN 100497873 C 20090610; CN 1522331 A 20040818; CZ 2004882 A3 20050316; CZ 300417 B6 20090513; DE 50200866 D1 20040923; DK 1362153 T3 20041108; EA 005048 B1 20041028; EA 200400143 A1 20040624; EE 05142 B1 20090216; EE 200400112 A 20050215; EP 1362153 A1 20031119; EP 1362153 B1 20040818; ES 2227484 T3 20050401; HK 1062312 A1 20041029; HR P20040115 A2 20050228; HR P20040115 B1 20110930; HU 228320 B1 20130328; HU P0500104 A2 20050628; NO 20040026 L 20040105; NO 324784 B1 20071210; NZ 525457 A 20060331; PL 194878 B1 20070731; PL 367144 A1 20050221; PT 1362153 E 20041231; RS 50195 B 20090506; SI 22009 A 20061031; SK 287509 B6 20101207; SK 3232004 A3 20050804; YU 103603 A 20060303

DOCDB simple family (application)

**AT 0200124 W 20020424**; AT 02782424 T 20020424; AT 5332001 U 20010704; AT 6422002 A 20020425; AU 2002354811 A 20020424; CN 02813428 A 20020424; CZ 2004882 A 20020424; DE 50200866 T 20020424; DK 02782424 T 20020424; EA 200400143 A 20020424; EE P200400112 A 20020424; EP 02782424 A 20020424; ES 02782424 T 20020424; HK 04103570 A 20040519; HR P20040115 A 20040203; HU P0500104 A 20020424; NO 20040026 A 20040105; NZ 52545702 A 20020424; PL 36714402 A 20020424; PT 02782424 T 20020424; SI 200220042 A 20020424; SK 3232004 A 20020424; YU P103603 A 20020424