

Title (en)

Procedure of profile variation of flat keys, a system of flat keys and a locking assembly.

Title (de)

Verfahren zur Profilvariation von Flachschlüsseln, System von Flachschlüsseln und eine Schliessanlage.

Title (fr)

Procédé de variation des profilés de clés plates, ensemble de clés plates et un dispositif de fermeture.

Publication

EP 1452673 B1 20100526 (DE)

Application

EP 04000094 A 20040107

Priority

DE 10306371 A 20030215

Abstract (en)

[origin: EP1452673A2] A method for profiling a flat security key for fitting into a hierarchy of locking systems has both sides of the flat key profiled with longitudinal grooves (7). The flat flanges of the grooves meet at set angles on a half circle centred on the outer surfaces of the key. The half circles have various diameters for each range of keys.

IPC 8 full level

E05B 19/02 (2006.01); **E05B 15/08** (2006.01); **E05B 19/00** (2006.01); **E05B 35/10** (2006.01)

CPC (source: EP)

E05B 19/0029 (2013.01); **E05B 35/10** (2013.01)

Cited by

EP4296457A1; IT202200013228A1; EP1862615A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1452673 A2 20040901; EP 1452673 A3 20061220; EP 1452673 B1 20100526; AT E469279 T1 20100615; DE 10306371 A1 20040902; DE 10306371 B4 20041223; DE 502004011194 D1 20100708; PL 208737 B1 20110630; PL 364652 A1 20040823

DOCDB simple family (application)

EP 04000094 A 20040107; AT 04000094 T 20040107; DE 10306371 A 20030215; DE 502004011194 T 20040107; PL 36465204 A 20040130