

Title (en)

Profile system for the cross-section of flat keys

Title (de)

Profilsystem für den Querschnitt von Flachschlüsseln

Title (fr)

Système de profil pour la section transversale des clés plates

Publication

EP 1217151 B1 20060621 (DE)

Application

EP 01890016 A 20010122

Priority

AT 9452000 U 20001222

Abstract (en)

[origin: EP1217151A1] The profile for a lock key has opposing ribs and grooves in the middle area of the cross section between the key back and breast. Both sides of the profile form a variation profile locking heirarchy. Each flank of the key shaft has a nut (1,2) and rib with different tip angles (Alpha 1,2). The nuts and ribs can be formed with rear cut formations.

IPC 8 full level

E05B 19/00 (2006.01); **E05B 19/06** (2006.01); **E05B 27/00** (2006.01); **E05B 27/10** (2006.01); **E05B 35/10** (2006.01)

CPC (source: EP)

E05B 19/0029 (2013.01); **E05B 27/0042** (2013.01); **E05B 27/006** (2013.01)

Cited by

EP1452673A3; EP1835095A1; DE102010017165A1; DE102010017165B4; EP2078808A3; DE102008000033A1; DE102010012261A1; DE102010012261B4; CN103688007A; AU2012203966B2; EP3514304A1; DE102018101438A1; EA033498B1; EA039067B1; WO2011116920A1; WO2012088562A3; US11512495B2; WO2016162891A1; WO2019144990A1; EP2522796A2; DE102011075486A1; US8800333B2

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)

EP 1217151 A1 20020626; **EP 1217151 B1 20060621**; AT 5123 U1 20020325; AT E331103 T1 20060715; DE 50110238 D1 20060803; ES 2266151 T3 20070301

DOCDB simple family (application)

EP 01890016 A 20010122; AT 01890016 T 20010122; AT 9452000 U 20001222; DE 50110238 T 20010122; ES 01890016 T 20010122