

Title (en)

Profile cylinder key

Title (de)

Profilzylinderschlüssel

Title (fr)

Clé de cylindre de profilé

Publication

**EP 2388415 A3 20140108 (DE)**

Application

**EP 11165837 A 20110512**

Priority

DE 102010029167 A 20100520

Abstract (en)

[origin: EP2388413A2] The profile cylinder key has a key grip and a key shaft outgoing from the key grip. The cross-section of the key grip is considered to be near consistent over the length of the key shaft. An extension piece (15) is provided at a key tip in a fixed manner. The extension piece is made of a material which is different or similar to the material of the key shaft. An independent claim is also included for an assembly of a profile cylinder key and an associated profile cylinder.

IPC 8 full level

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

CPC (source: EP)

**E05B 19/0017** (2013.01); **E05B 27/0042** (2013.01); **E05B 47/0045** (2013.01); **E05B 15/08** (2013.01); **E05B 19/0041** (2013.01)

Citation (search report)

- [X] WO 2008074171 A1 20080626 - KABA AG [CH], et al
- [A] US 3656328 A 19720418 - HUGHES BENJAMIN F
- [A] WO 9620325 A1 19960704 - SILCA SPA [IT], et al

Cited by

EP3604718A1; EP3670793A1; EP3483364A1; EP3483365A1; EP3483363A1; EP3739153A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2388413 A2 20111123**; **EP 2388413 A3 20140108**; **EP 2388413 B1 20180328**; DE 102010029167 A1 20111124;  
DE 102010029167 B4 20120301; EP 2388415 A2 20111123; EP 2388415 A3 20140108; EP 2388415 B1 20170816

DOCDB simple family (application)

**EP 11151045 A 20110114**; DE 102010029167 A 20100520; EP 11165837 A 20110512