

Title (en)
Lock and key system

Title (de)
Schloss-Schlüssel-System

Title (fr)
Système serrure-clé

Publication
EP 2700775 A3 20160113 (DE)

Application
EP 13075056 A 20130814

Priority
DE 102012016529 A 20120816

Abstract (en)
[origin: EP2700775A2] The system has a flat key (1) that is provided with a key spine (2) and key breast (3). The key breast is provided with a mechanical code representing indents. The angle of the key back-side upper cutting is formed in an extension in the direction of the key shaft. A central plane in the extension of inner upper corner of the key back side on a dovetail groove (4) opposite to the first parcentric feature, while the angle of the lower side of key breast behind the cutting in the extension striking the upper side corners of the key of parcentric feature.

IPC 8 full level
E05B 19/00 (2006.01)

CPC (source: EP)
E05B 19/0041 (2013.01); **E05B 19/0064** (2013.01)

Citation (search report)

- [XA] DE 3225952 A1 19840112 - KARRENBERG WILHELM [DE]
- [XA] DE 102010012261 A1 20110922 - ABUS PFAFFENHAIN GMBH [DE]
- [A] US 5819566 A 19981013 - EDEN JR CHARLES W [US]
- [A] WO 9832937 A1 19980730 - INT SECURITY PROD INC [US]
- [A] EP 2186975 A2 20100519 - WINKHAUS FA AUGUST [DE]

Cited by
EP4261366A1; CH719611A1; WO2023198351A1

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 2700775 A2 20140226; EP 2700775 A3 20160113; DE 102012016529 A1 20140220

DOCDB simple family (application)
EP 13075056 A 20130814; DE 102012016529 A 20120816