

Title (en)  
Locking device and key for a locking device

Title (de)  
Schließeinrichtung sowie Schlüssel für eine Schließeinrichtung

Title (fr)  
Dispositif de verrouillage et clé pour un dispositif de verrouillage

Publication  
**EP 2264264 A3 20140319 (DE)**

Application  
**EP 10164723 A 20100602**

Priority  
DE 102009025993 A 20090618

Abstract (en)  
[origin: EP2264264A2] The device has locking pins (6) mounted in locking pin bores (5) provided in a key channel (4) of a cylinder core (3) of a dual-locking cylinder. A wall of a coding slot e.g. brush sided slot, of a key (2) e.g. flat key, forms a sliding flank. Another sliding flank is formed adjacent to the former flank in a transition region and steeply runs opposite to the former flank relative to key extension direction. Dimensions of a conical surface of a head (7) adjacent to dome of the pins and the former flank are preset such that the region is covered by the conical surface in a rest position.

IPC 8 full level  
**E05B 27/00** (2006.01); **E05B 19/06** (2006.01)

CPC (source: EP US)  
**E05B 19/0023** (2013.01 - EP US); **E05B 27/0017** (2013.01 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7785** (2015.04 - EP US); **Y10T 70/7859** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US)

Citation (search report)

- [XP] EP 2146030 A1 20100120 - EVVA WERKE [AT]
- [IDA] DE 29818143 U1 20000217 - BKS GMBH [DE]
- [XAI] US 2009071210 A1 20090319 - TEAGUE HAROLD [US]
- [XAI] US 4402201 A 19830906 - NOKES CLARENCE [US]
- [AD] DE 102004021580 B3 20051110 - WILKA SCHLIESTECHNIK GMBH [DE]
- [A] EP 1577469 A2 20050921 - WINKHAUS FA AUGUST [DE]
- [A] DE 9409290 U1 19940922 - KNAUER HELGA [DE]
- [A] DE 7035739 U 19710107 - VOSS KG J [DE]

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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**DE 202010005352 U1 20100805**; CA 2708015 A1 20101218; CA 2708015 C 20130115; DE 102009025993 B3 20110120; EP 2264264 A2 20101222; EP 2264264 A3 20140319; EP 2264264 B1 20160518; EP 2746500 A1 20140625; EP 2746500 B1 20160427; ES 2573100 T3 20160606; PL 2746500 T3 20160930; US 2010319422 A1 20101223; US 8266937 B2 20120918

DOCDB simple family (application)  
**DE 202010005352 U 20100430**; CA 2708015 A 20100618; DE 102009025993 A 20090618; EP 10164723 A 20100602; EP 14159332 A 20100602; ES 14159332 T 20100602; PL 14159332 T 20100602; US 79028110 A 20100528