

Title (en)

Lock cylinder with corresponding key and detection of the profile of a blocking rib

Title (de)

Schließzylinder mit zugehörigem Schlüssel und Sperrrippenabtastung

Title (fr)

Serrure cylindrique avec clé correspondante et detection du profile d'une nervure de blocage

Publication

EP 2309083 A3 20170510 (DE)

Application

EP 10185444 A 20101001

Priority

DE 102009044207 A 20091008

Abstract (en)

[origin: EP2309083A2] The closing device has a pivoted lever (18) with a bearing end (19). The pivoted lever is pivoted at the locking element in cylindrical core (11). A scanner (20) which scans the locking ridge (3) in a locking ridge-recess free area is provided. The pivoted lever locks a capture opening (28) for the housing pin (15) at proper locking ridge level and opens the capture opening for receiving housing pins after a partial rotation of the cylindrical core during unavailability of locking ridge.

IPC 8 full level

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

CPC (source: EP US)

E05B 27/0042 (2013.01 - EP US); **Y10T 70/7565** (2015.04 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7616** (2015.04 - EP US); **Y10T 70/7672** (2015.04 - EP US); **Y10T 70/7695** (2015.04 - EP US); **Y10T 70/7701** (2015.04 - EP US)

Citation (search report)

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- [A] US 2002056301 A1 20020516 - THERIAULT KENNETH T [US], et al
- [A] DE 19515129 A1 19961031 - IKON PRAEZISIONSTECHNIK [DE]
- [A] DE 4205643 A1 19930826 - KARRENBURG FA WILHELM [DE]
- [A] EP 0159494 A1 19851030 - BKS GMBH [DE]
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Cited by

EP2530225A3; EP4379173A1; DE102022212579A1

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 2309083 A2 20110413; EP 2309083 A3 20170510; EP 2309083 B1 20180214; CA 2715938 A1 20110408; CA 2715938 C 20140318; DE 102009044207 A1 20110616; DE 102009044207 B4 20120105; ES 2661308 T3 20180328; LT 2309083 T 20180510; PL 2309083 T3 20180731; TR 201803013 T4 20180321; US 2011083484 A1 20110414; US 8505347 B2 20130813

DOCDB simple family (application)

EP 10185444 A 20101001; CA 2715938 A 20101001; DE 102009044207 A 20091008; ES 10185444 T 20101001; LT 10185444 T 20101001; PL 10185444 T 20101001; TR 201803013 T 20101001; US 87934310 A 20100910