

Title (en)

Locking device comprising a lock cylinder and a corresponding key

Title (de)

Schließvorrichtung bestehend aus einem Schließzylinder und einem dazu passenden Schlüssel

Title (fr)

Dispositif de verrouillage constitué d'une serrure cylindrique et d'une clé correspondante

Publication

**EP 2305926 A3 20161102 (DE)**

Application

**EP 10185298 A 20101001**

Priority

DE 102009044170 A 20091002

Abstract (en)

[origin: EP2305926A2] The device has a lock cylinder, and a scanning member arranged in a supplementary core hole that extends transverse to core pin holes. The scanning member scans a scanning point (7) on a broad side of a key (1). The scanning point is arranged close to a peripheral edge (11) of a coding notch (6b), such that deepening of the notch leads to disappearance of the sensing point. The supplementary core hole is arranged between two core holes, and the scanning member has a tip for scanning the scanning point lying between two immediately adjacent coding notches.

IPC 8 full level

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

CPC (source: EP US)

**E05B 19/0058** (2013.01 - EP US); **E05B 27/0042** (2013.01 - EP US); **E05B 27/006** (2013.01 - EP US); **E05B 27/0071** (2013.01 - EP US); **E05B 19/0052** (2013.01 - EP US); **Y10T 70/7554** (2015.04 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7689** (2015.04 - EP US); **Y10T 70/7701** (2015.04 - EP US); **Y10T 70/7864** (2015.04 - EP US); **Y10T 70/7944** (2015.04 - EP US)

Citation (search report)

- [X] GB 2314582 A 19980107 - BANHAM PATENT LOCKS LTD [GB]
- [XD] US 3742744 A 19730703 - LUMME E
- [A] DE 19750914 A1 19990520 - WINKHAUS FA AUGUST [DE]

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EP2765260A3

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 2305926 A2 20110406**; **EP 2305926 A3 20161102**; **EP 2305926 B1 20171213**; CA 2716696 A1 20110402; CA 2716696 C 20140729; DE 102009044170 A1 20110407; ES 2655482 T3 20180220; PL 2305926 T3 20180430; US 2011079059 A1 20110407; US 8677791 B2 20140325

DOCDB simple family (application)

**EP 10185298 A 20101001**; CA 2716696 A 20101001; DE 102009044170 A 20091002; ES 10185298 T 20101001; PL 10185298 T 20101001; US 89329010 A 20100929