

Title (en)
Flat key

Title (de)
Flachschlüssel

Title (fr)
Clé plate

Publication
EP 2290178 A3 20111207 (DE)

Application
EP 10151759 A 20100127

Priority
DE 102009039502 A 20090831

Abstract (en)
[origin: EP2290178A2] The key has a copy-protected flat-profile body including a predetermined structure cross-sectional region, where grooves and/or counter bore sections (7) for coding are provided with long width and long narrow sides. The grooves extend parallel to each other and form a profile of the key, and the flat-profile body includes ribs (5) that are formed on a longitudinal broad side of the body. The ribs run parallel to the grooves, and are projected over an upper surface of the body, where a supplementary coding possibility is created at the bore sections via length and/or a position of the ribs.

IPC 8 full level
E05B 19/00 (2006.01)

CPC (source: EP)
E05B 19/0017 (2013.01); **E05B 19/0052** (2013.01)

Citation (search report)

- [X] NL 7713142 A 19780627 - DOM SICHERHEITSTECHNIK
- [X] DE 8715393 U1 19880218
- [A] WO 0120111 A1 20010322 - HUF HUELSBECK & FUERST GMBH [DE], et al
- [A] EP 0386504 A1 19900912 - BKS GMBH [DE]
- [A] WO 9923333 A1 19990514 - EVVA WERKE [AT], et al
- [A] FR 2451983 A2 19801017 - ZEISS IKON AG [DE]
- [A] US 2004000178 A1 20040101 - TSENG HSIEH LUNG [TW]

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Designated contracting state (EPC)
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

DOCDB simple family (publication)
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