

Title (en)
FLAT KEY

Title (de)
FLACHSCHLÜSSEL

Title (fr)
CLÉ PLATE

Publication
EP 2290178 B1 20201216 (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 (examination)
EP 1528195 A2 20050504 - DOM SICHERHEITSTECHNIK [DE]

Cited by
CN106761014A; EP4394151A1; EP4234852A1

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)
EP 2290178 A2 20110302; EP 2290178 A3 20111207; EP 2290178 B1 20201216; DE 102009039502 A1 20110324; ES 2858501 T3 20210930; HR P20210423 T1 20210430

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