

Title (en)

Flat key

Title (de)

Flachschlüssel

Title (fr)

Clef plate

Publication

EP 0838568 B1 20030910 (DE)

Application

EP 97112571 A 19970722

Priority

DE 19644308 A 19961024

Abstract (en)

[origin: EP0838568A1] The key has an aperture (3) for a transponder, at least one ferrite coil antenna and a cable for connecting the transponder and antenna. The coil is on the side of the aperture facing the key shaft (5). The groove-shaped aperture extends from one narrow side (4) of the key shaft around the remaining narrow sides (6,7,8) to the other narrow side (9) of the shaft. A ferrite coil (21,22) is mounted in each narrow side and connected to the code generator (20) via a cable (23,24). The coils, code generator and cables are enclosed by metal on three sides.

IPC 1-7

E05B 49/00; E05B 19/04

IPC 8 full level

E05B 19/04 (2006.01); **E05B 49/00** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP US)

E05B 19/04 (2013.01 - EP US); **G07C 9/00944** (2013.01 - EP US); **Y10T 70/7057** (2015.04 - EP US); **Y10T 70/7068** (2015.04 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7802** (2015.04 - EP US); **Y10T 70/7876** (2015.04 - EP US); **Y10T 70/7904** (2015.04 - EP US)

Cited by

EP3536879A1; EP2709074A1; WO2004066220A1; US6227020B1; WO9942688A1

Designated contracting state (EPC)

AT CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

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