

Title (en)

Cylinder lock and key in which at least one tumbler is magnetically biased

Title (de)

Zylinderschloss und Schlüssel wobei zumindest eine Zuhaltung durch magnetischen Einfluss bewegt wird

Title (fr)

Serrure cylindrique et clé dans laquelle au moins une goupille est activée par une force magnétique

Publication

EP 2570571 A1 20130320 (EN)

Application

EP 11181637 A 20110916

Priority

EP 11181637 A 20110916

Abstract (en)

A key includes a shank having at least one groove and at least one recess, and the at least one groove has different lengths. At least one magnetic member is received in the at least one recess and a number of the at least one magnetic member is not more than a number of the at least one recess. The arrangements of the at least one recess, the at least one groove and the at least one magnetic member have multiple options. The magnetic members are located in different recesses and the magnetic poles of the magnetic members are arranged in different ways. The key is difficult to be copied and has higher safety standards.

IPC 8 full level

E05B 19/00 (2006.01); **E05B 27/00** (2006.01); **E05B 19/26** (2006.01)

CPC (source: EP)

E05B 19/0029 (2013.01); **E05B 27/0021** (2013.01); **E05B 47/0044** (2013.01); **E05B 47/0045** (2013.01)

Citation (search report)

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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)

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