

Title (en)

MAGNETIC LOCK, MAGNETIC KEY AND COMBINATION THEREOF

Title (de)

MAGNETSCHLOSS, MAGNETSCHLÜSSEL UND KOMBINATION DERSELBEN

Title (fr)

SERRURE MAGNÉTIQUE, CLÉ MAGNÉTIQUE, ET COMBINAISON DESDITES FERMETURE ET CLÉ

Publication

**EP 2427072 A2 20120314 (DE)**

Application

**EP 09844318 A 20091223**

Priority

- IB 2009055921 W 20091223
- DE 202009004793 U 20090507

Abstract (en)

[origin: WO2010128367A2] The invention relates to a magnetic lock (20) comprising at least one catch (36) having a staple plate (53). At least one first magnet (44) is arranged on the catch (36). The catch (36) can be moved back and forth between a locking position and an unlocking position such that in the locking position of the staple plate (53) a receiving opening (26) for a shaft (22) is at least partially closed. In addition, a second magnet (48) is provided in the magnetic lock (20), which magnet pulls the first magnet (44) - and therewith also the catch (36) - into the locking position.

IPC 8 full level

**A41F 1/00** (2006.01)

CPC (source: EP US)

**A41F 1/002** (2013.01 - EP US); **E05B 47/0038** (2013.01 - EP US); **E05B 47/0045** (2013.01 - EP US); **E05B 67/36** (2013.01 - EP US); **A44D 2203/00** (2013.01 - EP US); **Y10T 70/7057** (2015.04 - EP US); **Y10T 292/11** (2015.04 - EP US)

Cited by

EP4049895A1; FR3120211A1

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

Designated extension state (EPC)

RS

DOCDB simple family (publication)

**WO 2010128367 A2 20101111**; **WO 2010128367 A3 20110203**; **WO 2010128367 A8 20110414**; BR PI0924611 A2 20160531; CA 2761329 A1 20101111; CA 2761329 C 20180313; CN 102711536 A 20121003; CN 102711536 B 20141203; DE 212009000174 U1 20120109; EP 2427072 A2 20120314; EP 2427072 A4 20150225; EP 2427072 B1 20180321; ES 2674132 T3 20180627; JP 2012526218 A 20121025; JP 5844731 B2 20160120; KR 101833394 B1 20180228; KR 20120016270 A 20120223; MX 2011011808 A 20120213; MX 339360 B 20160523; RU 2011146921 A 20130620; RU 2527379 C2 20140827; US 2012131967 A1 20120531; US 9307797 B2 20160412

DOCDB simple family (application)

**IB 2009055921 W 20091223**; BR PI0924611 A 20091223; CA 2761329 A 20091223; CN 200980160106 A 20091223; DE 212009000174 U 20091223; EP 09844318 A 20091223; ES 09844318 T 20091223; JP 2012509102 A 20091223; KR 20117029250 A 20091223; MX 2011011808 A 20091223; MX 2014013775 A 20091223; RU 2011146921 A 20091223; US 200913319040 A 20091223