

Title (en)
LOCK

Title (de)
SCHLOSS

Title (fr)
SERRURE

Publication
EP 2255051 B1 20120404 (DE)

Application
EP 09719675 A 20090109

Priority
• EP 2009050206 W 20090109
• DE 202008003477 U 20080311

Abstract (en)
[origin: WO2009112292A1] The invention relates to a lock (2) for a door or a window, comprising at least one leaf or sash (3) supported at least pivotally on a frame (4), and a bolt (10) automatically protruding in the closed position by magnetic force and associated with a strike plate (11) on the frame (4). In order to refine a lock of the type mentioned above such that it has high practical value, it is provided that the bolt (10) is a latch (15) having a first magnet (16), said latch in a locking position engaging in a bolt opening (19) of the strike plate (11) and protruding from the lock housing, and that a second magnet (18) is provided in the strike plate (11), wherein the first and second magnets (16, 18) are disposed relative to each other such that in the closed position of the leaf or sash (3) the latch (15) is displaced into the strike plate (11), and wherein the latch (15) in the non-surface parallel position of the leaf or sash (3) is fixed in the lock (2) in that the first magnet (16) interacts with the lock housing or a magnetic metal part supported therein.

IPC 8 full level
E05B 47/00 (2006.01); **E05C 19/16** (2006.01)

CPC (source: EP)
E05B 47/0012 (2013.01); **E05C 19/163** (2013.01)

Cited by
DE202016101981U1

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 TR

DOCDB simple family (publication)
WO 2009112292 A1 20090917; AT E552397 T1 20120415; DE 202008003477 U1 20090730; EP 2255051 A1 20101201;
EP 2255051 B1 20120404; PL 2255051 T3 20120928

DOCDB simple family (application)
EP 2009050206 W 20090109; AT 09719675 T 20090109; DE 202008003477 U 20080311; EP 09719675 A 20090109; PL 09719675 T 20090109