

Title (en)

Electronic lock for windows and doors

Title (de)

Elektronisches Schloss für Fenster und Türen

Title (fr)

Serrure électronique pour portes et fenêtres

Publication

EP 1914368 A3 20100224 (EN)

Application

EP 07020183 A 20071016

Priority

IT MI20062007 A 20061018

Abstract (en)

[origin: EP1914368A2] The electronic lock for windows and doors comprises a cylinder having a stator inside which a rotor is located, the rotation of the latter being activated when a key is inserted therein. The cylinder comprises at least one mechanical blocking device and at least one electromechanical blocking device with an electronic code; the electromechanical blocking device has magnetic means in order to maintain a blocking element between the rotor and the stator and this is located in a cavity inside the latter.

IPC 8 full level

E05B 9/04 (2006.01); **E05B 47/06** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)

E05B 47/063 (2013.01); **E05B 47/0038** (2013.01)

Citation (search report)

- [X] WO 03100199 A1 20031204 - MUL T LOCK TECHNOLOGIES LTD [IL], et al
- [X] EP 1134335 A2 20010919 - ISEO SERRATURE SPA [IT]
- [X] DE 4234321 A1 19940414 - SCHREIBER HANS [DE]
- [X] US 6125673 A 20001003 - LUKER GRAHAM JAMES [AU]
- [A] US 2177996 A 19391031 - RAYMOND HORACE H
- [A] US 3516271 A 19700623 - NELSON GLADWYN D, et al
- [X] US 2004089039 A1 20040513 - RUSSELL ROGER KEITH [US], et al

Cited by

EP4191003A1; EP4191005A1; EP4358043A1; WO2023099731A1; WO2024083877A1; FR2945065A1; US11401732B2; WO2013186198A1; WO2018160703A1; WO2023099738A1; DE102022127174A1; WO2024083939A1; EP4191002A1; WO2023099747A1; EP4191004A1; WO2023099728A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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