

Title (en)
Reprogrammable lock

Title (de)
REPROGRAMMIERBARES SCHLOSS

Title (fr)
Verrou reprogrammable

Publication
EP 1752601 A2 20070214 (EN)

Application
EP 06014728 A 20060714

Priority
IT MI20051507 A 20050801

Abstract (en)
A reprogrammable lock comprises a rotor (2) mounted rotatably inside a stator (1). In the rotor (2) are mounted key reading plates (3) to read the coding profile (8b, 9b) of a user/programming key (8, 9), locking plates (4) that can couple with the key reading plates (3) and are adapted to block rotation of the rotor (2) with respect to the stator (1), two lateral inserts (6) integral with the locking plates (4) and provided with an arched surface (6b) adapted to slide on the inner surface of the stator (1), and a rotation stopping plate (10) free from the locking plates (4) to block rotation of the rotor (2) with respect to the stator (1).

IPC 8 full level
E05B 29/00 (2006.01)

CPC (source: EP)
E05B 29/004 (2013.01); **E05B 15/1614** (2013.01)

Citation (applicant)
• WO 9840589 A1 19980917 - RIELDA SRL [IT]
• US 1917302 A 19330711 - HILL GERRIT D
• GB 1554877 A 19791031 - RAYMOND J W
• US 4069694 A 19780124 - RAYMOND JAMES W, et al

Cited by
DE102007017297A1; EP2387649A4; US8117876B2; US8490446B2; US8621902B2; US8695390B2; WO2008156664A3; US10100555B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
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