

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)  
**EP 1752601 A2 20070214; EP 1752601 A3 20090318; EP 1752601 B1 20110907; EP 1752601 B8 20120314**; AT E523649 T1 20110915; ES 2372184 T3 20120116; IT MI20051507 A1 20070202

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**EP 06014728 A 20060714**; AT 06014728 T 20060714; ES 06014728 T 20060714; IT MI20051507 A 20050801