



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.03.2009 Bulletin 2009/12

(51) Int Cl.:
E05B 29/00 (2006.01)

(43) Date of publication A2:
14.02.2007 Bulletin 2007/07

(21) Application number: **06014728.7**

(22) Date of filing: **14.07.2006**

(84) Designated Contracting States:
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 States:
AL BA HR MK RS

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(30) Priority: **08.08.2005 IT MI20051507**

(54) **Reprogrammable lock**

(57) 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).

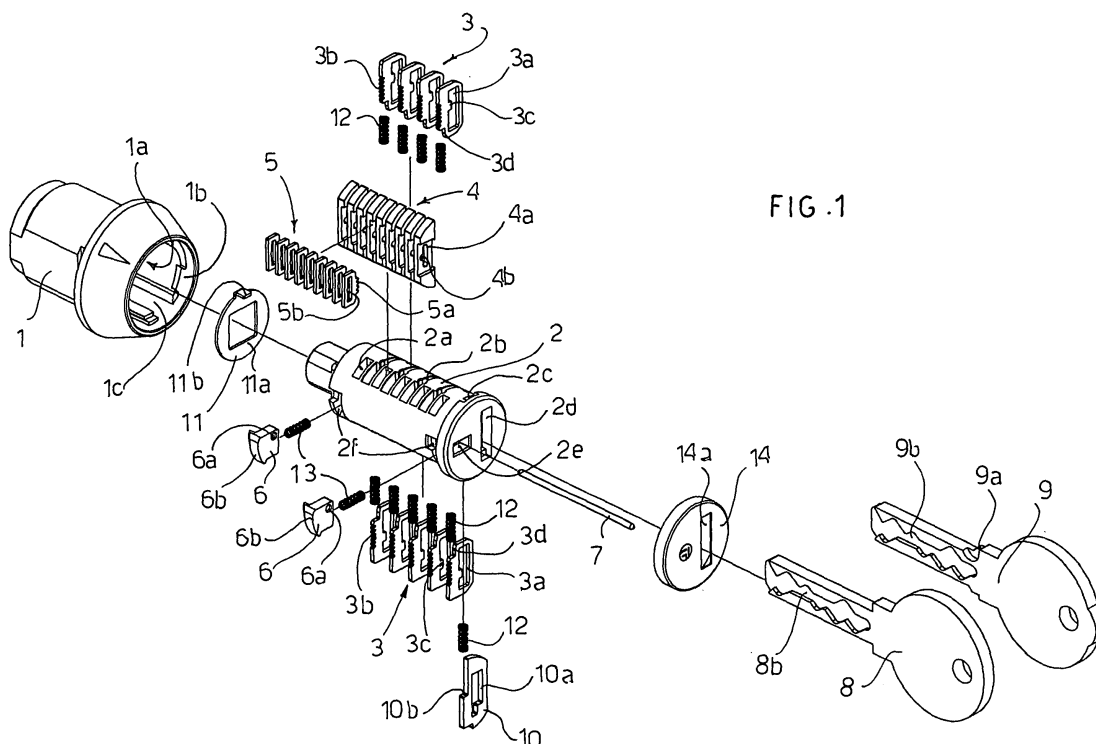


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 06 01 4728

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 February 2009	Examiner Perez Mendez, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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