



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
24.11.2010 Bulletin 2010/47

(51) Int Cl.:
E05B 19/00 (2006.01) E05B 27/00 (2006.01)

(43) Date of publication A2:
14.05.2008 Bulletin 2008/20

(21) Application number: **07380275.3**

(22) Date of filing: **15.10.2007**

(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 MT NL PL PT RO SE SI SK TR

Designated Extension States:
AL BA HR MK RS

(30) Priority: **13.11.2006 ES 200602430 U**

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(54) **Non-copyable flat security key and security cylinder**

(57) The key comprises a flat shank (2) insertable in a slot (3) of a rotor (4) rotatable in a stator (5) of the cylinder (20). A plurality of recesses (6) are aligned along a face of shank (2) to engage and move first detecting pins (7) in rotor (4) in contact with respective first locking pins (8) in stator (5) against first springs (9). A moving element (10) is movable in a shank housing (11) between

retracted and extended positions by a third spring (16). One end (12) of said moving element (10) is arranged to engage and move a second detecting pin (13) in rotor (4) in contact with a second locking pin (14) in stator (5) against a second spring (15). The housing (11) is located in the same shank face than recesses (6) and aligned therewith, and the moving element (10) moves perpendicular to the shank face.

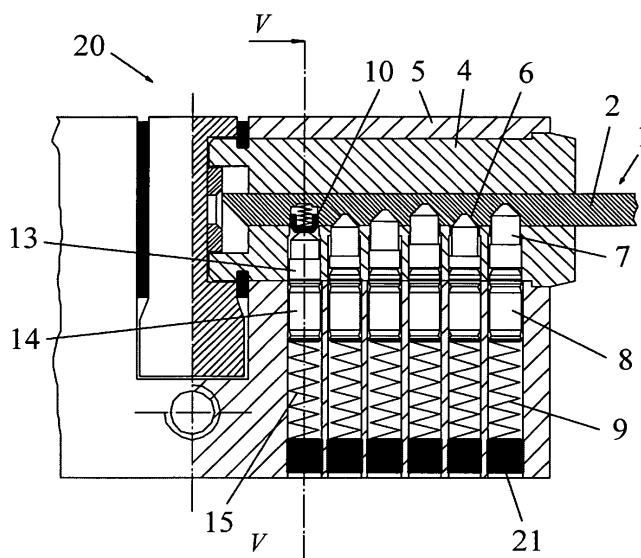


Fig. 4



EUROPEAN SEARCH REPORT

Application Number
EP 07 38 0275

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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