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(54) **External unit for door lock**

(57) An exterior unit (1) for controlling access via doors with a lock which can normally only be operated from the inside, comprises a combination key cylinder (2) to prevent or enable access from the exterior, a fixed support housing (3) in which the combination cylinder (2) is insertable from the front (1a) of the exterior unit (1), by sliding it longitudinally into the support housing (3), a sliding catch (4) incorporated in the support housing (3) and co-operating in the inserted position of the cylinder (2), with an aligned transverse cavity (5) which is provided in at least one side of the housing of the combination cylinder (2), and into which the tip of the said catch (4) is slideable to retain the combination cylinder (2). A spring (6) is provided for urging the catch into its locking position. The catch (4) has, at the rear, a conical tail (7) which is axially guided in a chamber (3a) of the support housing (3). A radial threaded hole (8) is located in the support housing (3) and accessible from the back (1b) of the exterior unit (1). A grub screw (9), which has a conical tip (9a) which is complementary to the conical form of the conical tail (7) is located in this threaded hole (8), the grub screw (9) being screwable between a first position in which its conical tip (9a) is contained within the threaded hole (8) and a second position in which it extends into the enclosure (3a), to slidably engage the side of the conical tail element (7) and maintain the catch in its combination cylinder retaining position.

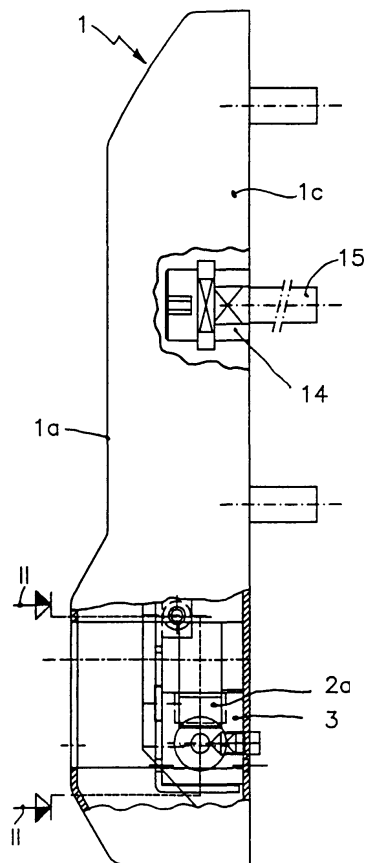


Fig.1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 1 506 051 A (WILLIAM C. DEVEREAUX) 26 August 1924 (1924-08-26) * page 1, line 72 - line 81; figure * ---	1
A	US 1 777 725 A (SEGAL LOCK & HARDWARE CO. INC.) 7 October 1930 (1930-10-07) * page 1, line 80 - page 2, line 20; figures 4,7,8 * ---	1
A	EP 0 200 912 A (BKS GMBH) 12 November 1986 (1986-11-12) * column 7, line 18 - line 34; figure 1 * -----	1
The present search report has been drawn up for all claims		
CLASSIFICATION OF THE APPLICATION (Int.Cl.6)		
E05B9/08		
TECHNICAL FIELDS SEARCHED (Int.Cl.6)		
E05B		
Place of search	Date of completion of the search	Examiner
THE HAGUE	20 April 2000	Pieracci, A
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 30 2675

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20-04-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 1506051 A	26-08-1924	NONE	
US 1777725 A	07-10-1930	NONE	
EP 0200912 A	12-11-1986	DE 3514147 A AT 44068 T	23-10-1986 15-06-1989

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82