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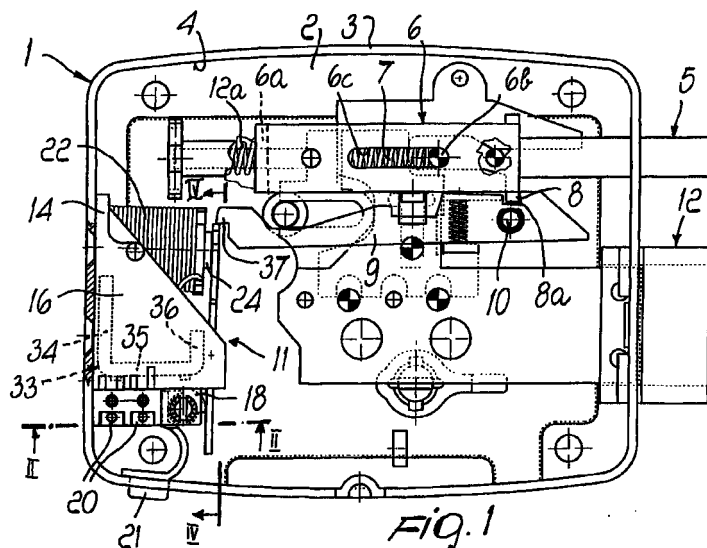
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(54) **Device for adjusting the trip mechanism of an electric lock**

(57) A device for adjusting the trip mechanism of an electric lock that comprises a latch (12) and a reset plunger (5), the mechanism comprising an electromagnet which is composed of at least one coil (22), which forms a seat inside which a ferromagnetic core (24) is guided, the core being actuated by a spring against a keeper (28) which is pivoted in a rocker-like fashion and

a ratchet system (9) for actuating the latch (12), the device further comprising a pivot which is rotatably supported inside the lock and is provided with a cam which is operatively associated with the keeper so as to adjust its position with respect to the ratchet system.



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EUROPEAN SEARCH REPORT

Application Number
EP 98 11 5570

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	EP 0 562 525 A (COSTRUZIONI ITALIANE SERRATURE AFFINI C.I.S.A. S.P.A.) 29 September 1993 (1993-09-29) * the whole document *	1	E05B47/06 E05B55/00
Y	DE 140 453 C (SCHOELLER) * page 1, line 44-48; figures *	1	
A	FR 565 933 A (MOULIN) 7 February 1924 (1924-02-07) * page 1, line 57-59 *	1	
A	EP 0 292 361 A (CREATIONS D. GUIDOTTI) 23 November 1988 (1988-11-23) * the whole document *	1	
A	FR 1 484 810 A (GUIDOTTI) 20 September 1967 (1967-09-20) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E05B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		31 October 2000	Westin, K
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
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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31-10-2000

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 562525	A	29-09-1993	IT	1259255 B	11-03-1996
			ES	2092711 T	01-12-1996

DE 140453	C		NONE		

FR 565933	A	07-02-1924	NONE		

EP 292361	A	23-11-1988	FR	2615235 A	18-11-1988
			DE	3860481 D	27-09-1990

FR 1484810	A	20-09-1967	NONE		
