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(54) **Rotating actuator for circuit breakers suited for in advance actuation of an undervoltage tripping unit**

(57) Rotating actuator of a molded case circuit breaker comprising a disk (14), moved by a shaft (12) of a rotating knob, which is provided with a slot (16), bounded by a protruding cam (18) actuating a lever (48) engaged in a slot (54) of a slider (56) having the duty of

actuating the contacts of a auxiliary contact unit (60) of the circuit breaker to the purpose of feeding an under-voltage tripping unit thereof before the beginning of a closing operation of the circuit breaker and of preventing an unwanted tripping of the circuit breaker due to lack of voltage on the same undervoltage tripping unit.

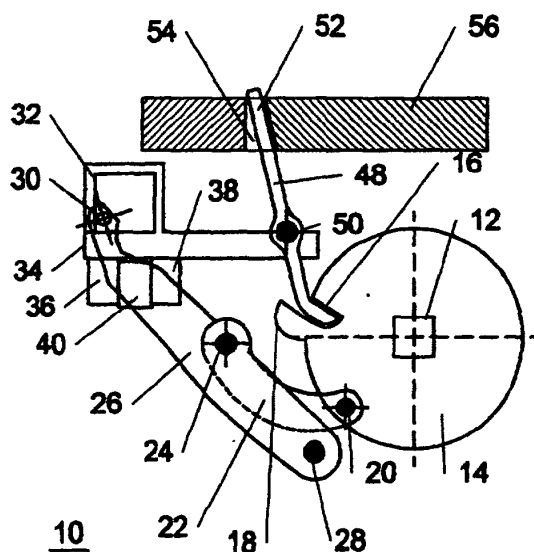


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 01 20 0447

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.7)
X	DE 197 03 973 C (SIEMENS AG) 20 May 1998 (1998-05-20)	1,2	H01H83/12
A	* column 3, line 56 - column 4, line 26; figures 2-4 *	3	

X	DE 197 17 236 A (ELEKTRA TAILFINGEN) 29 October 1998 (1998-10-29)	1,2	
A	* column 6, line 32 - column 7, line 8; figure 1 *	3	

The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
MUNICH		3 November 2003	Glaman, C
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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