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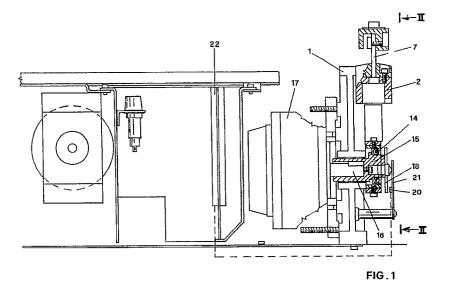
EUROPEAN PATENT APPLICATION

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- (1) Applicant: SYSTEL INTERNATIONAL S.p.A. Galleria del Corso, 4
 Milano(IT)
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- 64) Electromechanical, intermittent operation device, particularly for photographic cutters.
- (5) An electromechanical intermittent operation device, particularly for photographic cutters, characterised by comprising:
- a direct current motor (17), the shaft (16) of which is directly coupled to a cam (15) for controlling the member (6) which is to be intermittently operated,
- a member (6) to be intermittently operated, provided with elastic means (11) which, in the absence of other external forces, maintain it in its waiting condition,
- means (22) for cyclically feeding the electric motor with an overcurrent for a time sufficient to cause it to pass beyond the half way stage in the operating cycle, and then interrupting the electrical feed,
- means (22) for short-circuiting the rotor winding on interruption of the electrical feed, and
- means (22) for feeding the rotor winding with a countercurrent pulse of such a duration as to halt the motor (17) without oscillation exactly in its waiting position.





EUROPEAN SEARCH REPORT

EP 89 11 8221

DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document with indication, where appropriate, Relevant				CLASSIFICATION OF THE	
ategory		rant passages		claim	APPLICATION (int. Cl.5)
Α	DE-A-3 304 649 (FUJI PHO * Pages 7-10; figures 2,3 *	ото со.)	1-3	}	G 03 D 15/04 H 02 P 3/12 B 26 D 5/16
Α	DE-U-8 703 368 (BIELOMATIK LEUZE GmbH) * Page 8; figure 1 *		1,6	,7	B 20 B 3/10
Α	US-A-4 354 147 (HJ. KLA * Columns 2-4; figures 1,2 *	USSNER)	1,6	,7,9	
Α	DE-A-2 652 521 (KALTENI * Pages 6,7; figures 1,2 *	BACH & VOIGT)	1,6	,9	
A	ELECTRONICS INTERNATI 1977, page 105, NY, US; B. gates SCR motor crowbar"			,9	
					TECHNICAL FIELDS SEARCHED (Int. Cl.5)
					G 03 D 15/04 B 65 D 5/16 B 65 D 5/08 B 65 D 5/32 B 65 D 5/36 B 65 D 5/34 B 65 D 5/04 H 02 P 3/12
	The present search report has b	een drawn up for all claims			
	Place of search Date of completion of s				Examiner
	The Hague	16 September 91		BOEYKENS J.W.	
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