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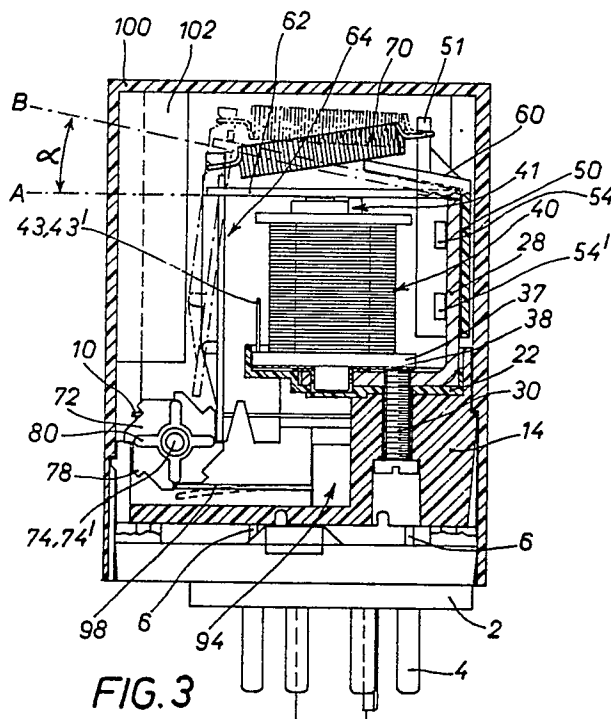
54 **Switchable electromagnetic pulse relay.**

57 Switchable electromagnetic pulse relay consisting of a base (14) having fixed contacts (8) and movable contacts (10), the latter being alternately moved by a ratchet gear acting on a pusher rod (64) which in turn acts on a gear (72) whose lateral surfaces each carry two cams (80 and 82) which transmit movement to the above-mentioned movable contacts.

The movement to the pusher rod is transmitted by a movable armature (62) attracted or released by a field coil (40).

Two plug-in blades (6) establish the electric contact between the movable contacts (10) and the stationary contacts (8) and the outer circuit.

This electromagnetic pulse relay is particularly suitable for industrial use due to the particular shape and structure of its components and for the versatility of use offered.



**EP 0 308 546 A3**



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.4)
A	FR-B-2 220 864 (G. CARTIER) * page 1, lines 16-23; page 2, lines 25-32; figures 1-3 * ---	1,9	H 01 H 50/70 H 01 H 51/08
A	EP-A-0 080 123 (SIEMENS AG) * page 3, lines 15-26; figure 1 * ---	1	
A	US-A-4 262 270 (N. TAKEDA et al.) * column 5, lines 3-41; figure 1 * ---	1,6,9	
A	EP-A-0 161 473 (HENGSTLER GMBH) * page 5, lines 4-13; figure 1 * -----	7,8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 H 50/00 H 01 H 51/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 28-09-1989	Examiner DIOU J.M.
CATEGORY OF CITED DOCUMENTS		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	
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			