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(54) **Current limiting circuit breaker with insulating barriers and baffles.**

(57) The invention relates to a circuit interrupter including an insulating housing and, disposed therein, several pole units each comprising a pair of cooperable contacts and a pair of terminals electrically interconnected through the contacts.

At least the line terminals of the interrupter have disposed therebetween insulating barriers (49) which extend from the circuit interrupter housing a distance sufficient to prevent ionized gases at the terminals from intermixing before they have become sufficiently deionized to prevent conduction. This enables the circuit interrupter to operate at higher voltage levels.

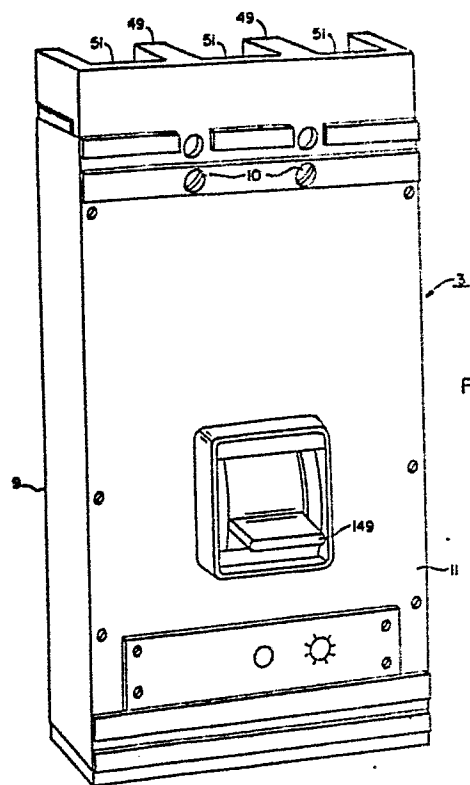


FIG. 5.



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. 3)
Y	DE-A-2 719 053 (GOULD) * Page 11, paragraph 3 - page 12, paragraph 1 *	1-3	H 01 H 71/02 H 01 H 73/18
Y	US-A-3 773 992 (HEINEMANN) * Column 5, lines 29-49 *	1-3	
A	US-A-2 824 934 (WESTINGHOUSE) * Column 5, line 74 - column 6, line 2 *	1,10	
A	FR-A-1 350 127 (COMPAGNIE DE CONSTRUCTION ELECTRIQUE) * Page 1, left-hand column, last paragraph - right-hand column, paragraph 1; page 2, right-hand column, paragraph 6 *	1,4	
A	US-A-4 075 446 (HEINEMANN) * Column 6, lines 40-43 *	1,5	H 01 H 71/00 H 01 H 9/00
A	GB-A-2 033 159 (WESTINGHOUSE) * & US-A-4 255 732 (Cat. D) *		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-04-1987	Examiner LIBBERECHT L.A.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			