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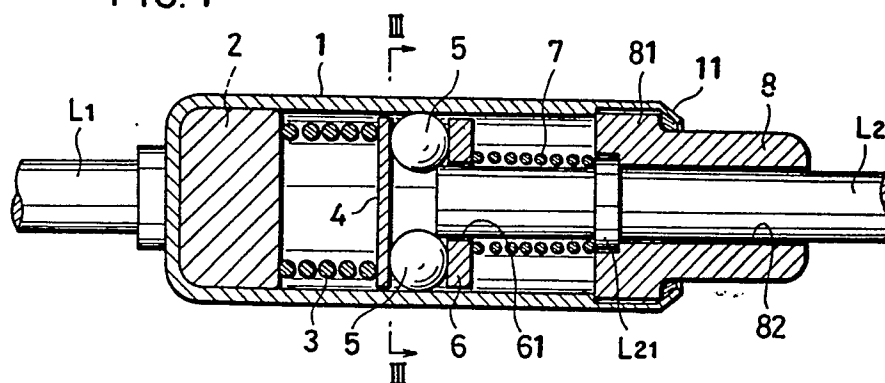
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(54) **Thermal fuse.**

(57) A thermal fuse which can be constructed easily and automatically and yet works accurately. It comprises an electric conductive cylindrical case (1) with a lead wire (L1) at the bottom thereof another lead wire (L2) in the case, a fuse alloy piece (2) of fusible alloy and ball contacts (5) under spring pressed condition between the fuse alloy piece and the lead wire in case, thereby forming an electric circuit between the two lead wires. When the fuse alloy piece fuses at the preset temperature, ball contacts (5) under spring pressed condition are released from pressing by the lead wire (L2) and the circuit is opened.

FIG. 1





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EUROPEAN SEARCH REPORT

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EP 86 30 8686

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)
X	US-A-3992771 (EMERSON ELECTRIC CO.) * column 4, line 1 - line 56; figures 1, 3 * ---	1	H01H37/76
X	US-A-3781737 (ESSEX INTERNATIONAL INC.) * column 2, line 24 - line 34; figure 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H01H37/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 APRIL 1989	Examiner JANSSENS DE VROOM P
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			