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## EUROPEAN PATENT APPLICATION

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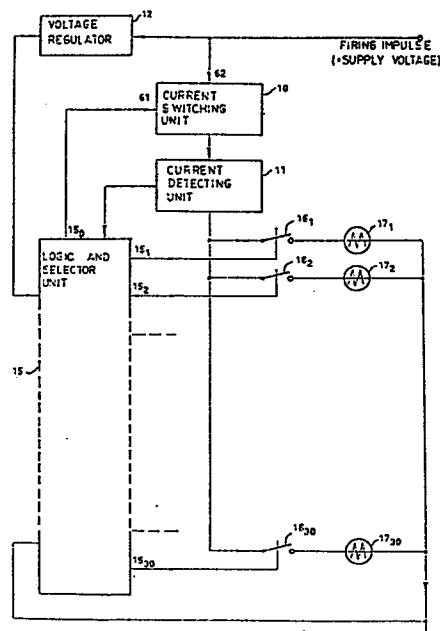
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54 Method and device for detecting and firing a pyrotechnic charge in a multiple-charge system.

57 The invention relates to a device which, upon receipt of a firing order in the form of a firing impulse, locates and fires a pyrotechnic charge connected in one of a plurality of firing circuits (17<sub>1</sub>-17<sub>30</sub>) in a firing unit. A current switching unit connects a current which is insufficient for firing a charge, to a firing circuit. After that, a current detecting unit checks whether or not a current is flowing in the firing circuit, i.e. whether or not a charge is connected. This is repeated by a logic unit (15) until a connected charge is located, whereupon a firing current is connected to the firing circuit comprising the connected charge, and the charge is fired.

The logic unit (15) controlling this course of events is supplied, like the device in its entirety, with its supply voltage from the said firing impulse.





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# EUROPEAN SEARCH REPORT

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Application number

EP 85 85 0117

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	DE-A-2 046 098 (LICENTIA PATENT-VERWALTUNGS-GmbH) * Figure; page 8, line 6 - page 12, line 20 *	1	F 42 D 1/04 F 41 F 27/00 F 41 C 19/12
A	EP-A-0 098 779 (SOC. DE PROSPECTION ELECTRIQUE SCHLUMBERGER) * Figures 1,2; page 10, lines 17-26; page 11, line 29 - page 12, line 10 *	1	
A	FR-A-2 447 004 (SOC. D'ETUDES, DE REALISATIONS ET D'APPLICATIONS TECHNIQUES) * Figure; page 2, lines 13-32 *	1	
A	FR-A-2 555 305 (E. BOURDALLE)  * Whole document *		TECHNICAL FIELDS SEARCHED (Int. Cl.4)  F 41 C F 42 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-08-1986	Examiner VEREECKE A.
<p><b>CATEGORY OF CITED DOCUMENTS</b></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 &amp; : member of the same patent family, corresponding document</p>			