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54 Mechanical fire suppressant release station.

57 An improved, mechanically actuated electrical detonator type fire suppression apparatus is provided which is particularly suited for use in marine applications or in other situations where complete dependence upon an external electrical circuit is to be avoided. Preferably, the apparatus hereof includes, in addition to the fire suppressant container and rupturable seal, an electrical generator (50) coupled to the detonator (34) and a mechanical linkage assembly (20) coupled to the generator for selective operation of the latter. An operator handle (96) forms a part of the linkage assembly and is shiftable so as to initiate operation of the generator (50) with consequent charge detonation. In particularly preferred forms, a gear (46) and spring (48) assembly is coupled between the linkage (20) and generator (50) and is operable to initially store mechanical energy followed by rapid release thereof in order to generate an operating signal having the proper electrical characteristics.

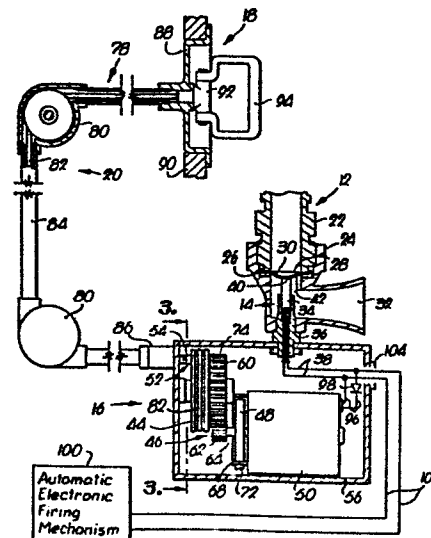


Fig. 2.



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. *)
X	DE-A-2 828 789 (GRESCHA-GESELLSCHAFT) * Claims 1,2,3; page 10, line 17 - page 11, line 4; figure 3 *	1-8,10 -16	A 62 C 37/26 A 62 C 35/00 F 03 G 1/08
X	GB-A-1 545 776 (CLIFFORD EDWARDS LTD.) * Whole document *	1,2,4 7,13	
A	FR-A- 451 547 (FLURY) * Page 2, lines 28-35; figure 1 *	3-5,7 10,12 14,16	
			TECHNICAL FIELDS SEARCHED (Int. Cl. *)
			A 62 C A 63 H F 02 N F 03 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-09-1983	Examiner JUGUET J.M.
<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</p> <p>& : member of the same patent family, corresponding document</p>			