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(54) Pressure switch having a manually operated safety microswitch.

(57) The present invention relates to a pressure switch having a manually operated safety microswitch, characterized in that it comprises a bottom body, defining in its inside a chamber communicating with a fluid to be controlled, and associated with a top cap, which supports an operating microswitch. The chamber is closed by a membrane, preferably made of a silicone material, provided with an O-ring and coupled to a steel membrane, with a driving tappet assembly which is directly formed on the latter membrane and operates on a washer element, which is counter biassed by a first counterbiassing spring and operates on a push-button of the operating microswitch, a safety microswitch being moreover provided, which can be manually operated or re-armed, and cooperating with a pin element extending from the washer.

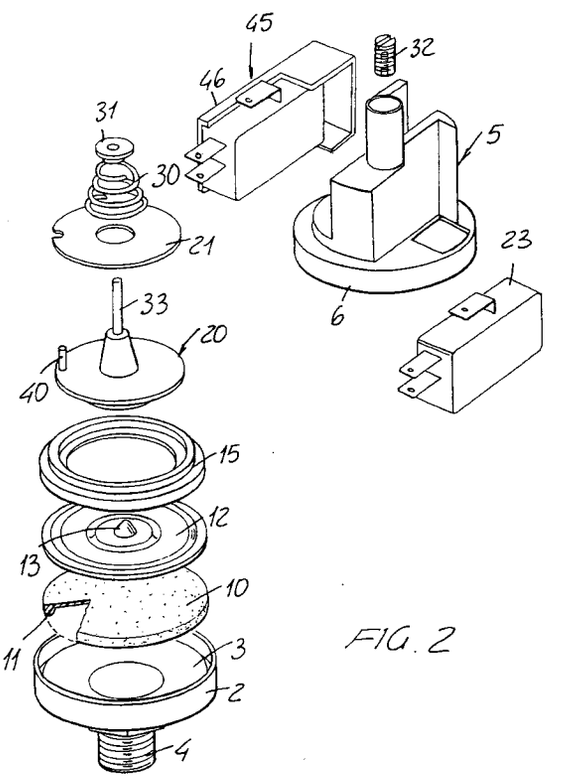


FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 92 83 0550

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.5)
A	EP-A-0 058 409 (EATON) * abstract; figure 2 * * page 8, line 14 - page 11, line 6 *	1	H01H35/34
A	FR-A-2 121 794 (DANFOSS) * page 1, line 24 - page 2, line 21; figure *	1	
A	FR-A-1 543 230 (J. SNIPELISKI) * page 2, column 1, paragraph 5 - column 2, paragraph 3; figures *	1	
A	GB-A-1 217 480 (PATINVEST) * page 2, line 84 - page 3, line 60 *	1	
A	US-A-3 898 405 (ERNESTO JUAN WEBER) * abstract; figures 2,3 *	1	
A	GB-A-2 058 456 (LUCAS) * abstract; figure *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01H

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	27 MAY 1993	JANSSENS DE VROOM P

CATEGORY OF CITED DOCUMENTS

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