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Touch pressure switch including a manually operated safety microswitch.

The present invention relates to a touch pressure switch, including a manually operated safety microswitch, characterized in that it comprises a bottom body defining a chamber, in communication with a fluid to be controlled, and being associated, through a blade contact bearing ring element, with a top cap. The chamber is closed by a membrane provided with an O-ring and coupled to a steel membrane, provided with a driving tappet assembly directly formed on this membrane and operating on a washer element, which is counter-biassed by a first biasing spring and being adapted to operate on at least a blade contact which is supported by the contact bearing ring element, a safety microswitch being moreover provided, which can be manually operated or rearmed, and which cooperates with a pin element extending from the washer.

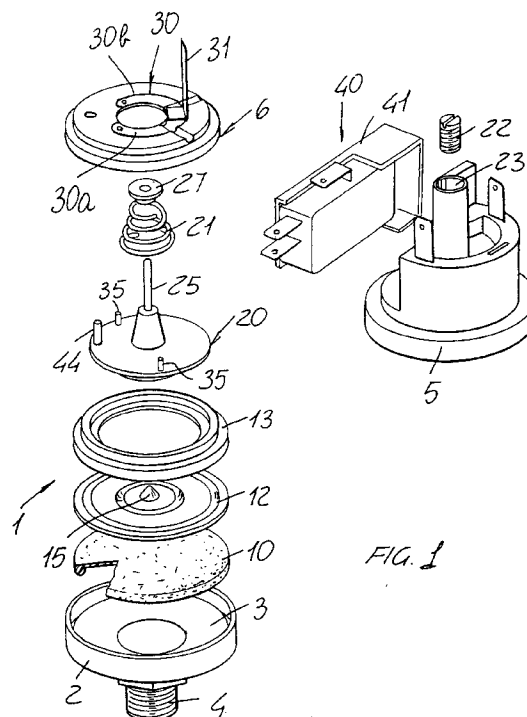


FIG. 1



European Patent
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EUROPEAN SEARCH REPORT

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EP 92 83 0549

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 26 - page 2, line 5; figure * ---	1	
A	FR-A-1 543 230 (J. SNIPELISKI) * page 2, column 1, paragraph 5 - column 2, paragraph 3; figures 1,2 * ---	1	
A	EP-A-0 265 391 (SICEB) * abstract; figure 2 * ---	1	
A	GB-A-1 217 480 (PATINVEST) * page 2, line 84 - page 3, line 60; figures * ---	1,3	
A	DE-B-1 147 651 (ROBERT BOSCH) * figure 5 * ---	1,4	
A	US-A-3 898 405 (ERNESTO JUAN WEBER) * abstract; figures 2,3 * -----	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5) H01H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 MAY 1993	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			

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