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⑤④ **Insulated switch assembly.**

⑤⑦ A high voltage switch of the push-on, push-off variety is encased in a water-tight housing, which includes a flexible diaphragm which extends over the push-pole of the electrical switch. The water-tight housing is attached to the body of the overall switch assembly, which assembly would find primary utility with spas, pools hot tubs, jetted tubs and the like. A button assembly attached to the body provides for the multiple purposes of activating the electrical switch, directing water which might enter the body of the switch assembly away from the housing which encloses the electrical switch and toward drain holes in the body, and preventing access to the switch element and the diaphragm by the user of the switch assembly.

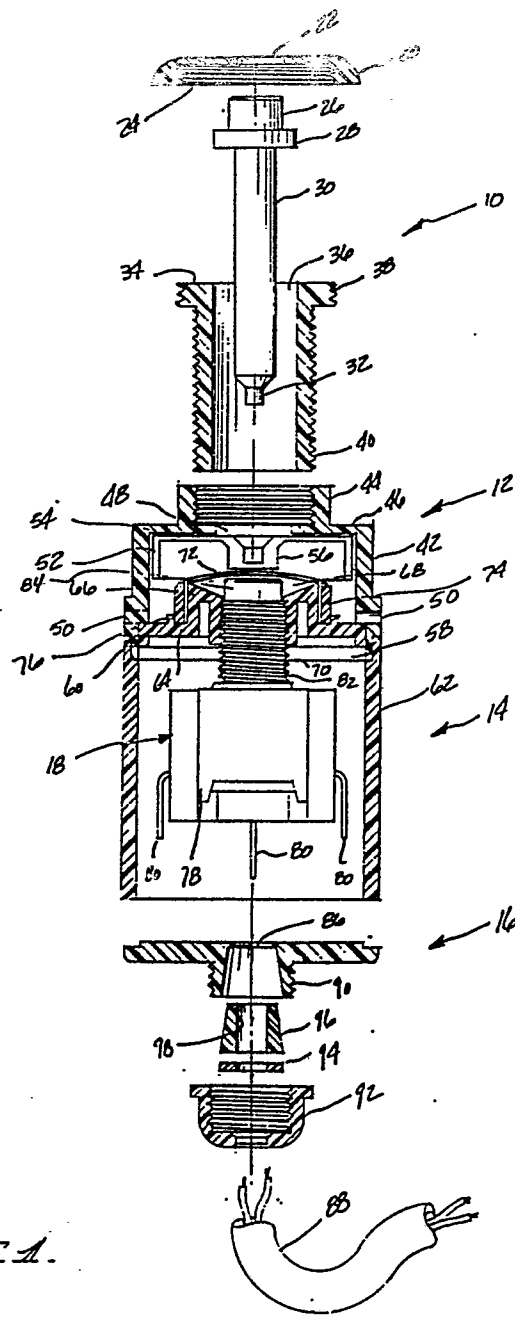


FIG. 1.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 87 30 1461

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)
Y	DE-U-1890267 (H.E.HERMLE) * page 8, paragraph 3 - page 9, paragraph 1; figures 1, 2 *	1	H01H13/06 H01H9/04
A	---	2,3	
Y	FR-A-2077080 (E.HERMLE) * page 7, line 14 - line 36 *	1	
A	---		
A	DE-U-8015820 (NYAC) * page 5, paragraph 2 *	1	
A	---		
A	EP-A-0064615 (ISEC) * page 3, paragraph 3 *	1	
A	---		
A	FR-A-1220945 (TELEMECANIQUE ELECTRIQUE) * figure 3 *	6	
A	---		
A	DE-B-1084814 (K. FLEISCHMANN) * figure 1 *	6	

			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H01H13/00 H01H9/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 FEBRUARY 1989	Examiner JANSSENS DE VROOM P.
<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>			