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54 **Electrically operated water heating device.**

57 The invention comprises in a preferred form, an electrically operated water heating unit (10) integral with a shower rose (18) and is primarily characterized by the successful use of a 'bare' element (22) for heating the water and by the novel switching arrangement, comprising a first set of contact points (28) mounted through a flexible diaphragm (32), the diaphragm forming the roof of the heating chamber (20), and a second set of contacts (36) aligned so as to engage the first contacts (28) when same are moved upwards by water pressure exerting on the diaphragm (32) during use.

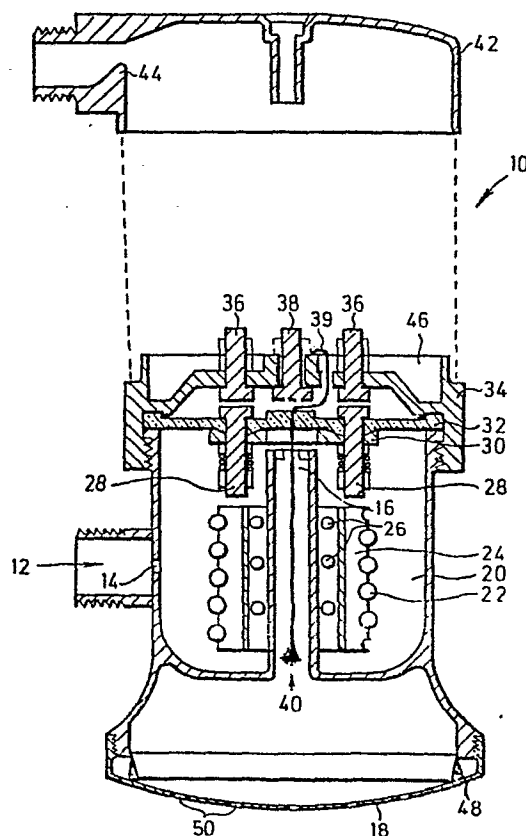


FIG. 2



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.4)
Y	AU-B- 23 534 (JORGE) * pages 4-6 *	1	F 24 H 1/10
Y	DE-A-3 014 181 (KOZYHEAT) * page 9, paragraph 2 *	1	
A	AU-B- 489 438 (LORENZETTI) * claims 1, 2, 4; page 5, paragraph 1 *	1-3	
A	FR-A-2 376 702 (LORENZETTI) * page 1, lines 1-12 *	2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 24 D 17/00 F 24 H 1/00 F 24 H 9/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10-07-1987	Examiner PIEPER C
<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 & : member of the same patent family, corresponding document</p>			