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(54) **Electrical heater element**

(57) An electrical heater element (1) comprises, a first electrical contact member (2) having opposed sides, at least one second electrical contact member (10, 10') providing at least two electrical contact plates (36,38), and at least one first frame member (4) on one with side of the first electrical contact member (2) and at least one second frame member (6) on the opposing side of the first electrical contact member (2). Each of the or each first and second frame members (4,6) is adapted to position at least one PTC component (8). At least one PTC component (8) is positioned by the or each frame member (4,6). The first electrical contact member (2), the or each first and second frame members (4,6) and the or each PTC components (8) are retained between the at least two electrical contact plates (36, 38).

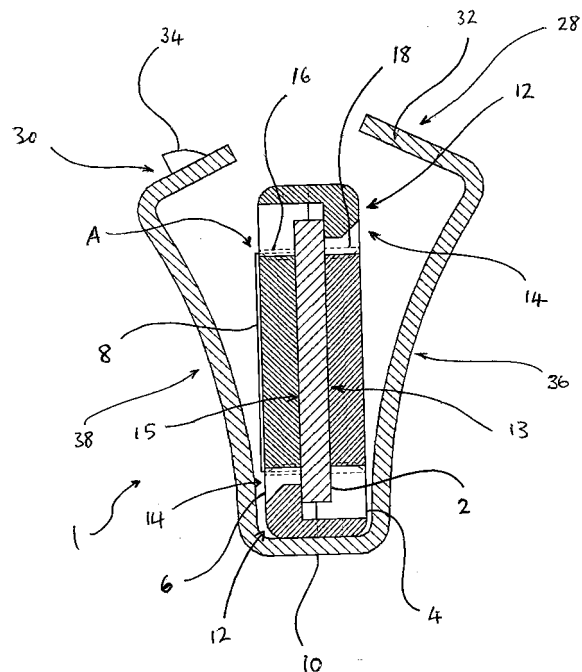


FIG. 1



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.7)
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 045 (P-1476), 28 January 1993 (1993-01-28) -& JP 04 258982 A (MURATA MFG CO LTD), 14 September 1992 (1992-09-14) * abstract; figure 1 *	1-3	H05B3/14 H01C7/02
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H05B H01C F24H B60H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 March 2005	Examiner Gea Haupt, M
CATEGORY OF CITED DOCUMENTS		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	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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