

(19)



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(11)

EP 1 528 838 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
25.05.2005 Bulletin 2005/21

(51) Int Cl. 7: H05B 3/14, H01C 7/02

(43) Date of publication A2:  
04.05.2005 Bulletin 2005/18

(21) Application number: 04256795.8

(22) Date of filing: 03.11.2004

(84) Designated Contracting States:  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR  
Designated Extension States:  
AL HR LT LV MK YU

(30) Priority: 03.11.2003 GB 0325574

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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 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).

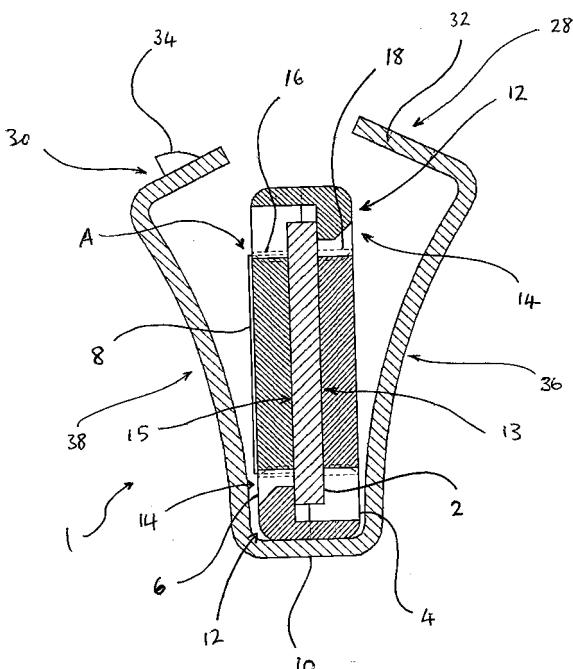


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)		
Category	Citation of document with indication, where appropriate, of relevant passages				
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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A	DE 201 21 115 U1 (FRITZ EICHENAUER GMBH & CO. KG) 24 April 2003 (2003-04-24) * page 6, line 21 - page 8, line 8; figures 2,2A * -----	1-3			
A	EP 0 893 937 A (BEHR GMBH & CO; BEHR GMBH & CO. KG) 27 January 1999 (1999-01-27) * column 4, line 28 - column 5, line 14; figures 3,4 * -----	1-3			
		TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
		H05B H01C F24H B60H			
4 The present search report has been drawn up for all claims					
Place of search		Date of completion of the search			
Munich		22 March 2005			
Examiner		Gea Haupt, M			
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ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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