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(54) **Electric radiant heater**

(57) Electric radiant heater adapted to a cooking hob, in particular a glass-ceramic cooktop, which comprises an insulating base that has, on one end, a substantially flat and circular first face upon which at least one heating resistance is fixed, and, on an opposite end, a substantially circular second face, and a metal support cover that

houses said insulating base in its interior. The second face of the insulating base is supported directly on a bottom surface of the support cover via a contact surface, the area of said contact surface being smaller than the area of the circle delimited by the second face of the insulating base.

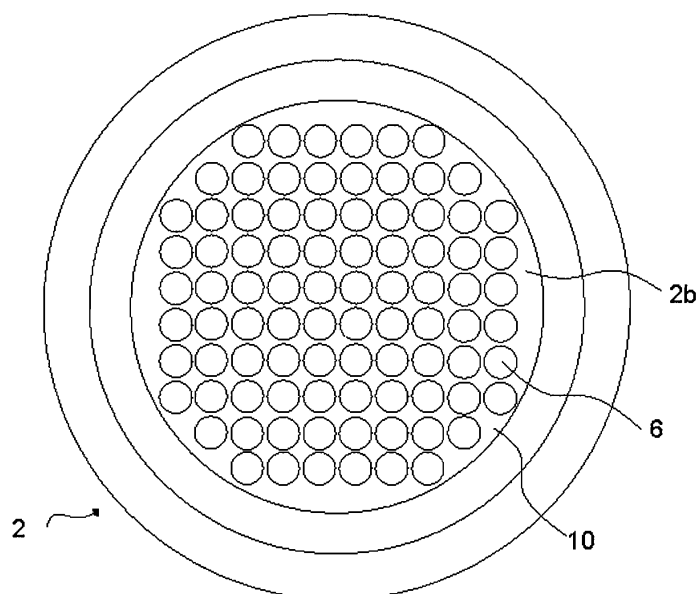


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 08 38 2072

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 049 357 A (DIEHL AKO STIFTUNG GMBH & CO [DE]) 2 November 2000 (2000-11-02)	1-3	INV. H05B3/74
Y	* the whole document *	4,5	

X	FR 2 170 098 A (EGO ELEKTRO BLANC & FISCHER [DE]) 14 September 1973 (1973-09-14) * page 8, line 16 - page 9, line 11; figure 9 *	1,6,7	

A	DE 38 10 586 A1 (EGO ELEKTRO BLANC & FISCHER [DE]) 12 October 1989 (1989-10-12) * abstract; figure 7 *	1	

Y	DE 30 34 495 A1 (GRUENZWEIG HARTMANN GLASFASER [DE]) 25 March 1982 (1982-03-25) * the whole document *	4,5	

The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 July 2009	Examiner Garcia, Jesus
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 38 2072

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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21-07-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1049357	A	02-11-2000	DE 19919784 A1	02-11-2000

FR 2170098	A	14-09-1973	AT 325172 B	10-10-1975
			AU 473402 B2	24-06-1976
			AU 5175073 A	08-08-1974
			CA 973917 A1	02-09-1975
			DE 2205132 A1	16-08-1973
			GB 1392115 A	30-04-1975
			IT 977181 B	10-09-1974
			US 3789189 A	29-01-1974
			YU 25773 A	31-08-1981

DE 3810586	A1	12-10-1989	NONE	

DE 3034495	A1	25-03-1982	NONE	
