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(54) **Electric heating radiator**

(57) The present invention relates to an electric heating radiator, comprising at least two horizontal conduits (1-2), a series of vertical conduits (3) running between

them. The lower horizontal conduit (2) has a series of lower openings located in extension of the vertical conduits (3). A resistor (10) is housed in each horizontal conduit (1-2).

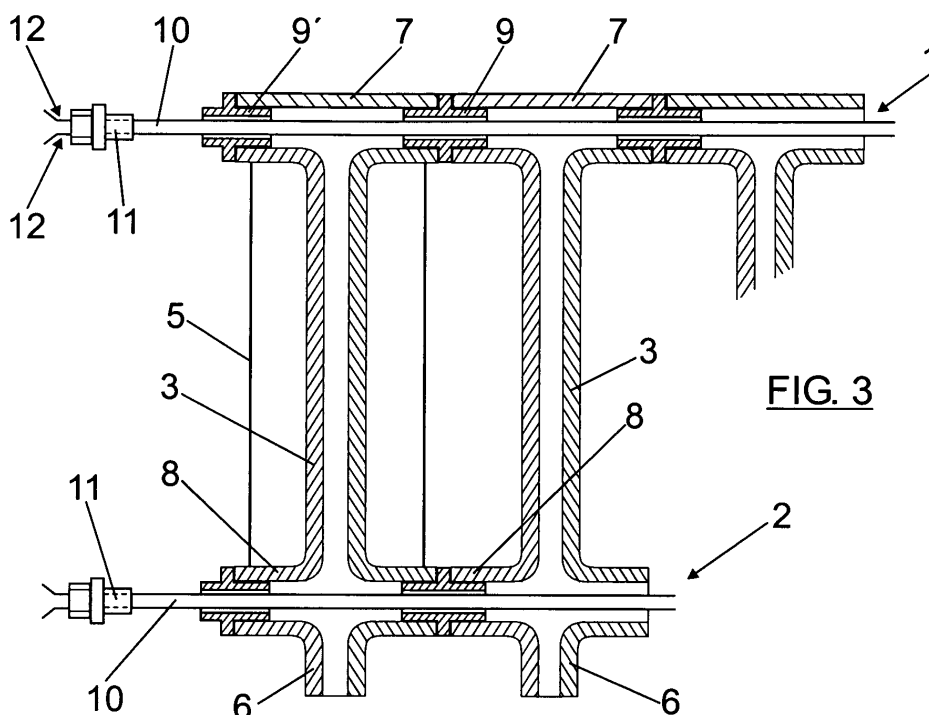


FIG. 3



EUROPEAN SEARCH REPORT

Application Number
EP 07 38 0004

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	ES 2 114 825 A1 (CASTANON MORAN TERESA [ES]) 1 June 1998 (1998-06-01) * column 2, line 16 - line 29; claim 1; figure 1 *	1,3	INV. F24H3/00
Y	GB 2 275 102 A (DIMPLEX [GB]) 17 August 1994 (1994-08-17) * claim 1; figures 1,5,6 * * page 10, line 28 - line 30 * * page 11, line 32 - page 12, line 1 * * page 2, line 33 - line 38 *	1,3	
Y	EP 1 030 129 A2 (DE LONGHI SPA [IT]) 23 August 2000 (2000-08-23) * paragraph [0038]; figure 1 *	1	
A	DE 16 79 446 A1 (THOMAS FA ROBERT) 29 January 1970 (1970-01-29) * claim 1; figures 1,2 *	3	
A	DE 20 43 357 A1 (DIPL INC DR KONRAD BURG FA) 17 February 1972 (1972-02-17) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24H F24D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 November 2012	Examiner Ast, Gabor
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 38 0004

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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28-11-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
ES 2114825	A1	01-06-1998	NONE
GB 2275102	A	17-08-1994	NONE
EP 1030129	A2	23-08-2000	AT 246785 T 15-08-2003
		AU 766875 B2 23-10-2003	
		AU 1636000 A 24-08-2000	
		CN 1264017 A 23-08-2000	
		DE 60004279 D1 11-09-2003	
		DE 60004279 T2 17-06-2004	
		DK 1030129 T3 27-10-2003	
		EP 1030129 A2 23-08-2000	
		ES 2201955 T3 01-04-2004	
		IT MI990314 A1 17-08-2000	
		JP 3534672 B2 07-06-2004	
		JP 2000234754 A 29-08-2000	
		NO 20000790 A 18-08-2000	
		NZ 502416 A 29-06-2001	
		PT 1030129 E 31-12-2003	
		RU 2188363 C2 27-08-2002	
		TR 200000423 A2 21-09-2000	
		US 6289175 B1 11-09-2001	
		ZA 200000234 A 07-08-2000	
DE 1679446	A1	29-01-1970	NONE
DE 2043357	A1	17-02-1972	AT 308253 B 25-06-1973
		DE 2043357 A1 17-02-1972	
		DE 7032610 U 20-12-1973	