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(54) Flame simulating assembly and components therefor

(57) A flame simulating assembly, such as for an electric heating apparatus, includes a simulated fuel bed (26), a light source (30) and a screen (42) positioned behind the fuel bed (26). The screen (42) has a partially reflecting front surface (44) to provide an image of the fuel bed (26) and a diffusing element behind the partially reflecting surface (44). The diffusing element has a non-planar rear surface.

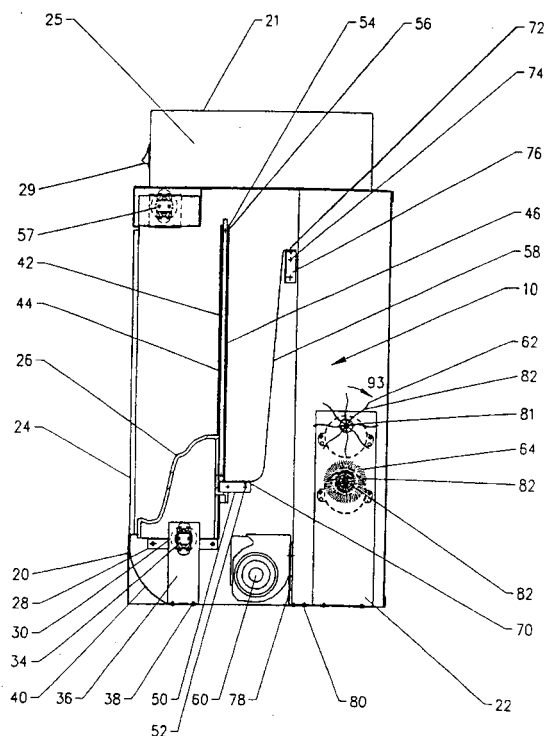


FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
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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	US 5 469 839 A (KASULIS ANTHONY S ET AL) 28 November 1995 (1995-11-28) * abstract *	1	F24C7/00
A	GB 1 443 772 A (TI SUNHOUSE LTD) 28 July 1976 (1976-07-28) * the whole document *	1	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F24B F24C
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 May 2002	Examiner Filtri, G
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.**

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28-05-2002

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82