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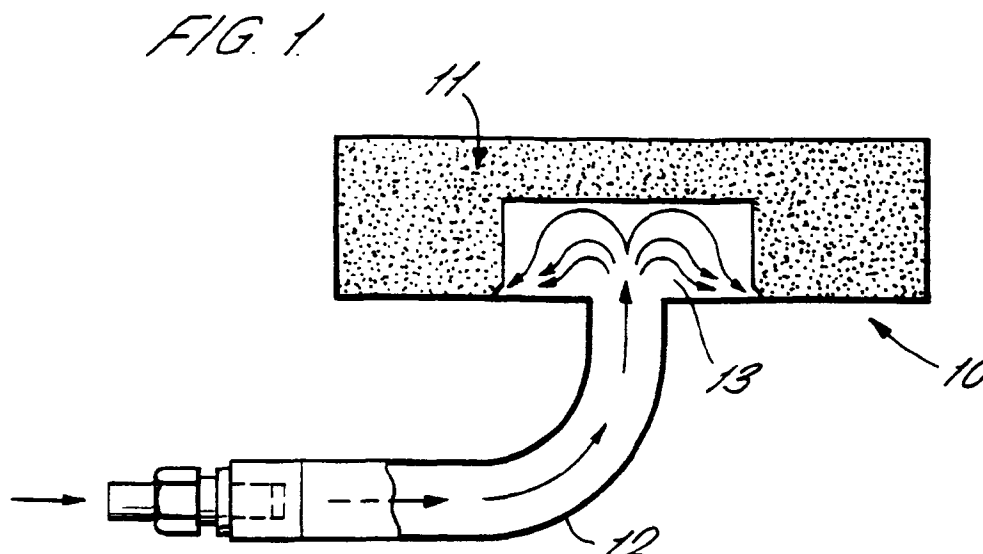
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### (54) Improvements in fireplace appliances

(57) The invention relates to improvements in fireplace appliances, and in particular to a device for controlling the distribution of the gas/air mixture in gas burners for such appliances.

A gas burner (15) for a fireplace appliance comprising a gas/air mixing chamber (22), a dispersal medium (17) for spreading the gas/air mixture across a surface

for burning and a distribution device (18) positioned between the mixing chamber and dispersal medium, characterised in that said device comprising a lower distribution plate (19) having a plurality of apertures (20) therein to direct the distribution of the gas/air mixture to a selected location and an upper distribution plate (21) to prevent the dispersal medium from entering the apertures.



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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.6)
X	GB-A-2 196 422 (DUNSLEY HEATING APPLIANCE COMP) 27 April 1988 * the whole document *	1,3,4	F24C3/00
A	GB-A-2 131 158 (COLLIER THOMAS RAYMOND) 13 June 1984 * page 2, line 19 - line 30; figure 3 *	1,2	
A	GB-A-2 198 836 (GRATE GLOW FIRES) 22 June 1988		
A	GB-A-2 109 536 (MELDA ENTERPRISES) 2 June 1983		
			TECHNICAL FIELDS SEARCHED (Int.CL.6)
			F24C F23D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 January 1997	Examiner Vanheusden, J
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			

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