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(54) **Enclosed fireplace unit, particularly for heating buildings and sanitary water**

(57) An enclosed fireplace unit, particularly for heating buildings and sanitary water, constituted by a hearth (3) on the perimeter whereof side walls (4,5a,5b,6a,6b) protrude upwardly so as to delimit a firebox; a hood (19) for connection to a flue is arranged above the firebox. At least one of the side walls of the enclosed fireplace unit is constituted by a first labyrinth-like element (9) which is suitable for the passage of water that arrives from one or more intake ducts (10a,10b) and is connected, in an upward region, to a plurality of hollow plates (15) which can be accommodated in the hood. The hollow plates have a refractory element at the rear and are connected, in an upward region, to a second labyrinth-like element (21) for connection to one or more discharge ducts (23a,23b).

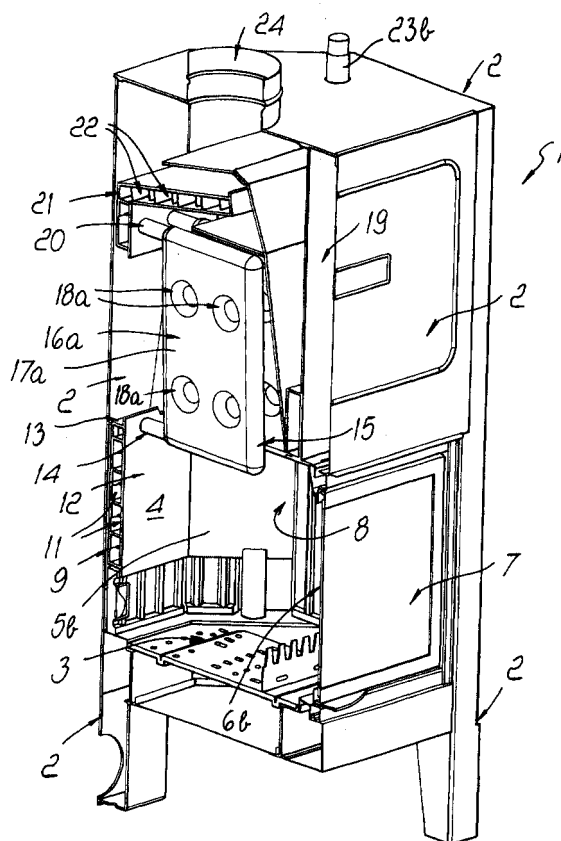


Fig.1

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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 5356

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)
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A	GB 2 139 345 A (HEATWAY BOILERS LIMITED) 7 November 1984 (1984-11-07) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F24B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 July 2002	Vanheusden, J
<p>CATEGORY OF CITED DOCUMENTS</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</p> <p>& : member of the same patent family, corresponding document</p>			

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

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The members are as contained in the European Patent Office EDP file on
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11-07-2002

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