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(54) Firebox of a fireplace

(57) The invention relates to a firebox of a fireplace including a grate (1) forming a base, an opening and closing door, a back wall (2), side walls (3) and a crown (4) as well as a flow outlet (5) at the top part of the firebox for leading flue gases out of the firebox. According to the

invention, a turbulence element (6) is provided in connection with the flow outlet (5) for rendering substantially laminar flue gas flows flowing toward the flow outlet turbulent before the flow outlet.

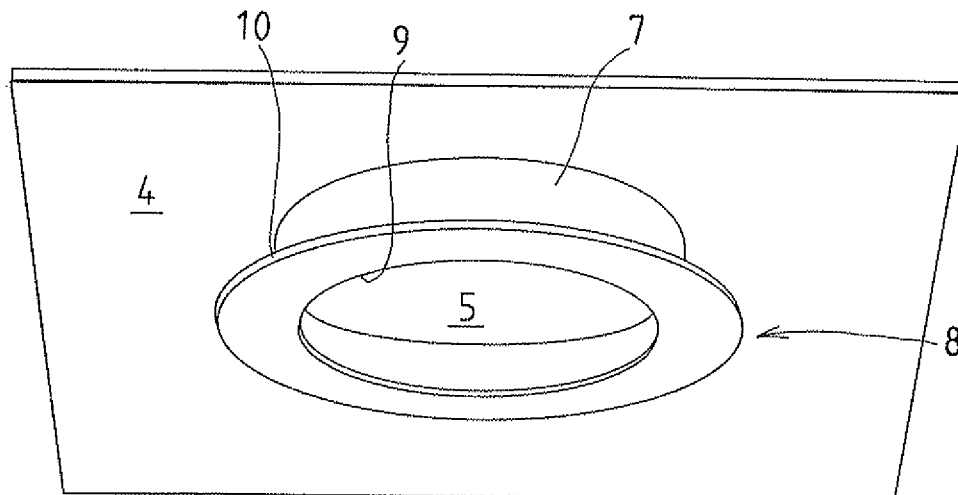


Fig 1

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EUROPEAN SEARCH REPORT

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Y	* column 1, line 8 - line 14 * * column 3, line 17 - column 4, line 20 * * figures 1-3 *	3,5,7,8,10	F23J13/06 F23J13/04 F24B1/195
Y	----- WO 2009/019502 A2 (BIOJOULE LTD [GB]; REDMAN ANTHONY [GB]) 12 February 2009 (2009-02-12) * page 4, line 4 - page 5, line 34 * * figure 1 *	3	
Y	----- US 2004/226495 A1 (GAGNON KEVIN [CA]) 18 November 2004 (2004-11-18) * page 1, paragraph 16 - paragraph 17 * * figure 2 *	5,7,8,10	
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			TECHNICAL FIELDS SEARCHED (IPC)
			F23B F23J F24B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 16 October 2014	Examiner Gavriliu, Costin
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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