

(19)



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(11)

EP 0 732 543 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
02.10.1996 Bulletin 1996/40

(51) Int Cl.⁶: **F23J 13/00**

(43) Date of publication A2:
18.09.1996 Bulletin 1996/38

(21) Application number: **96301695.1**

(22) Date of filing: **13.03.1996**

(84) Designated Contracting States:
DE FR GB IE IT NL

(72) Inventor: **Bratley, Roy**
Hessle, Hull HU13 0HP (GB)

(30) Priority: **14.03.1995 GB 9505088**

(74) Representative: **Lerwill, John et al**
A.A. Thornton & Co.
Northumberland House
303-306 High Holborn
London, WC1V 7LE (GB)

(71) Applicant: **CARADON IDEAL LIMITED**
Hull, North Humberside HU5 4JN (GB)

(54) **Gas burner**

(57) For suppressing noise a tube (3) having an open end and a closed end is mounted co-axially with a flue duct (1) of a gas burner with the open end of the

tube (3) in communication with the interior of the flue duct (1), and the tube (3) has a length equal to one quarter the wavelength of the noise to be suppressed.

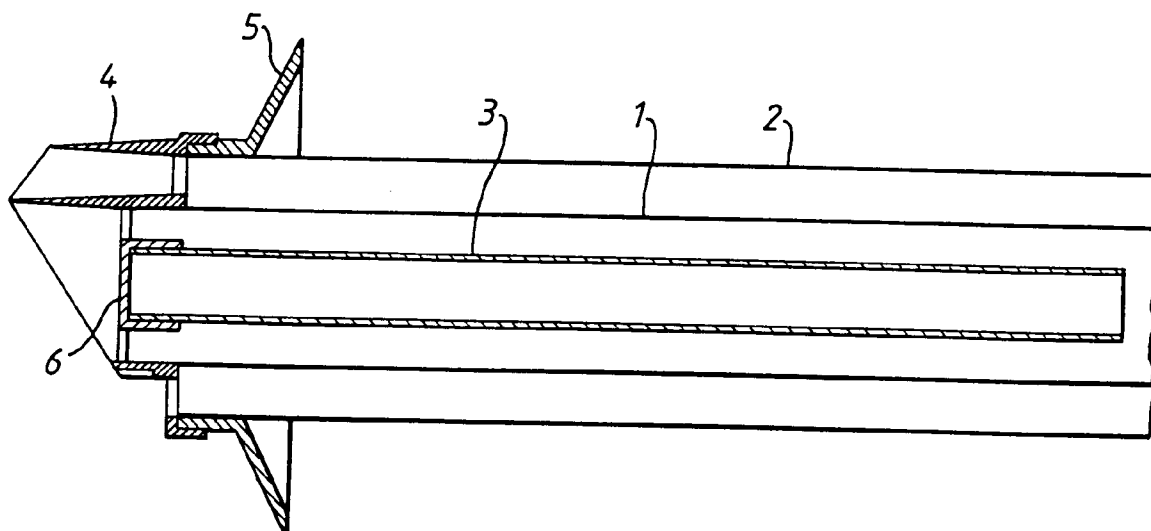


Fig. 1a

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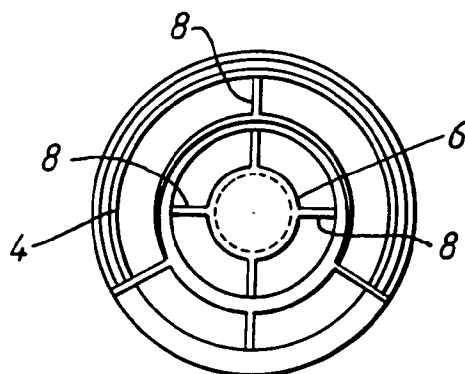


Fig.1b



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EUROPEAN SEARCH REPORT

Application Number

EP 96301695.1

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	<u>US - A - 2 043 030</u> (BOURNE) * Page 3, right column, lines 33-59; fig. 1,2 * --	1-5	F 23 J 13/00
A	<u>US - A - 2 017 744</u> (BOURNE) * Fig. 2,15 * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 6)
			F 01 N F 23 J
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 21-05-1996	Examiner REININGER
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			

EPO FORM 1503 03.82 (P0401)