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(54) Gas burner

(57) A gas burner for a domestic boiler which substantially reduces resonant noise generation during burner ignition, has a perforated inner wall (5) with a greater flow resistance than a perforated outer wall (4), the high flow resistance of the inner wall preventing transmission of pressure pulses sufficient to cause troublesome noise generation through into the main volume of the burner.

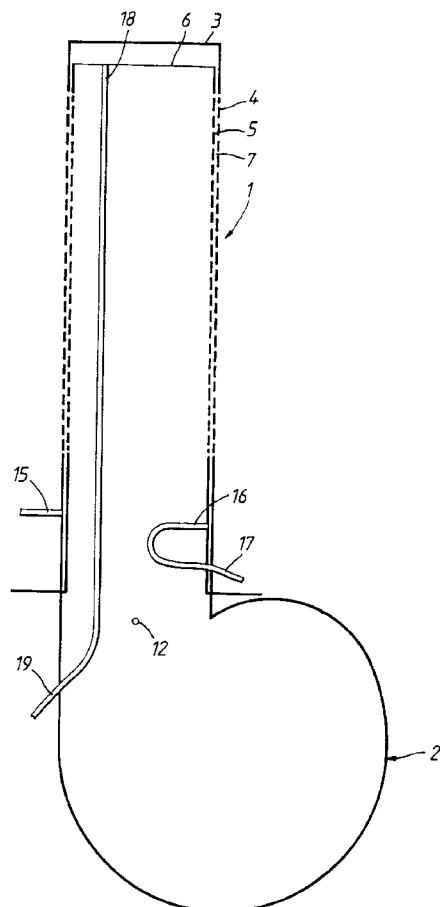


Fig.1



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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 5876

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP-A-0 309 838 (RUHRGAS AG) * abstract * * column 1, line 21 - column 1, line 51 * * column 4, line 26 - column 4, line 34 * * figures 5-7 * ---	1,4	F23D14/58
A	EP-A-0 378 272 (BEST) * page 7, line 27 - page 7, line 38 * * page 9, line 19 - page 9, line 49 * * figure 5 *	1,4,10	
A	GB-A-431 335 (BORNKESSEL) * page 1, line 90 - page 1, line 102; figure 1 *	1,3	
A	EP-A-0 472 270 (FURIGAS (UK) LTD) * column 1, line 15 - column 1, line 34 * * column 1, line 57 - column 2, line 8 * -----	1,7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F23D
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	12 July 1996	Phoa, Y	
CATEGORY OF CITED DOCUMENTS		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	
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			