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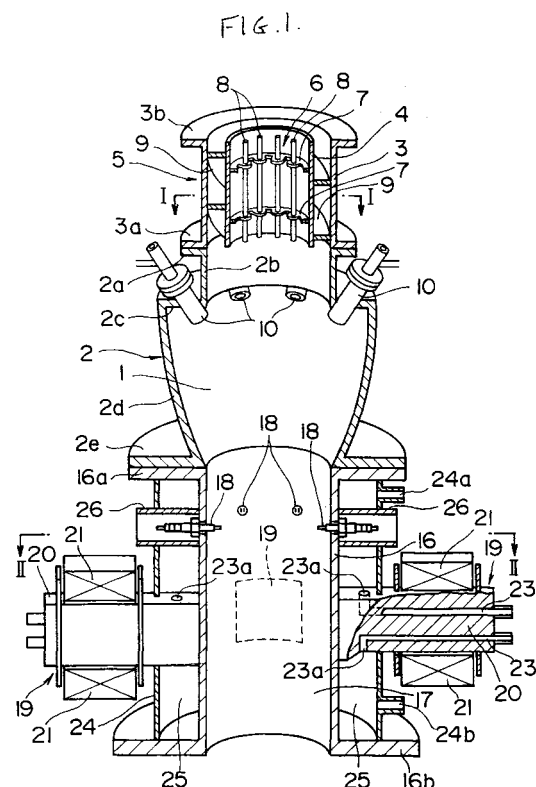
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(54) **Burner**

(57) It is possible to provide a burner that may elevate a temperature of a combustion flame with ease without preheating air or adding oxygen. A plurality of magnets 19 having the same polarity are arranged to be present around a periphery of a combustion chamber 17 around an outer circumference of a combustion sleeve 16 that forms the combustion chamber 17.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 97 30 8215

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)
A	EP 0 423 359 A (SHIRAKAWA SHIRO) 24 April 1991 * page 2, line 3 - line 9 * * page 4, line 39 - line 50; figures 5,6 * ---	1	F23C11/00
A	PATENT ABSTRACTS OF JAPAN vol. 005, no. 104 (P-069), 7 July 1981 & JP 56 047739 A (HITACHI LTD), 30 April 1981 * abstract *	1,2	
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A	US 3 830 621 A (MILLER D) 20 August 1974 * abstract; figure 9 *	1	
A	GB 963 291 A (TUKICHI ASAKAWA) * page 2, line 90 - page 3, line 35; figures 6,7 * -----		TECHNICAL FIELDS SEARCHED (Int.Cl.6) F23C H05H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 March 1999	Examiner Coli, E
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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