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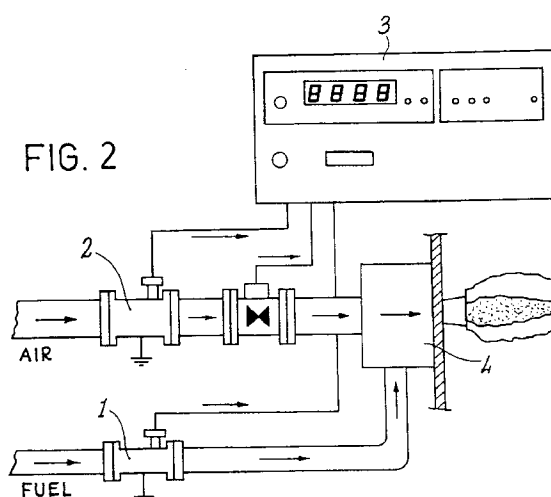
(71) Applicant : **JACOROSI S.p.A.**  
**Via Vitaliano Brancati 64**  
**I-00144 Rome (IT)**

(72) Inventor : **Verse', Federico**  
**c/o Jacorossi S.p.A., Via Vitaliano Brancati 64**  
**I-00144 Rome (IT)**  
Inventor : **Seno, Lorenzo**  
**c/o Jacorossi S.p.A., Via Vitaliano Brancati 64**  
**I-00144 Rome (IT)**

(74) Representative : **Iannone, Carlo Luigi et al**  
**Ing. Barzanò & Zanardo Roma S.p.A. Via**  
**Piemonte, 26**  
**I-00187 Roma (IT)**

(54) **Air-fuel ratio control device for heat generators, particularly for civil plants.**

(57) This invention relates to a device for controlling the fuel/air ratio in heat generators, in particular for civil plants, said device comprising a first fuel flowrate sensor (1) which is sensitive to the mass flowrate and is capable of transducing the presence/absence of network at the terminals of the fuel flowrate control means into an ON/OFF electric signal, a second air flowrate sensor (2) which is sensitive to the mass flowrate, a transduction, control and actuation electronic member (3) which is capable of determining the operation of the device itself on the basis of values set forth in the start step and on the basis of the signals that arrive from the two sensors, and a motorized control means (9) which, following a command of an electric impulse sent by said electronic member (3) opens or closes the opening for the passage of comburant air so as to keep the fuel/comburant ratio constant.





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# EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0521

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.5)
X	US-A-4 498 863 (HANSON ET AL.)	1	F23N1/02
Y	* the whole document *	2, 4	F23N5/18
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Y	US-A-4 508 261 (BLANK)	2, 4	
	* the whole document *		
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A	GB-A-1 571 906 (BRITISH GAS CORPORATION)	1	
	* page 1, line 1 - line 32; figures *		
	---		
A	US-A-4 837 731 (LEVINE ET AL.)	2, 6	
	* column 1, line 60 - column 2, line 60; figure 3 *		
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A	US-A-4 712 996 (ADAMS ET AL.)	4	
	* abstract *		
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F23N
Place of search THE HAGUE		Date of completion of the search 08 SEPTEMBER 1992	Examiner KOOIJMAN F. G. M.
<p><b>CATEGORY OF CITED DOCUMENTS</b></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>-----  &amp; : member of the same patent family, corresponding document</p>			

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