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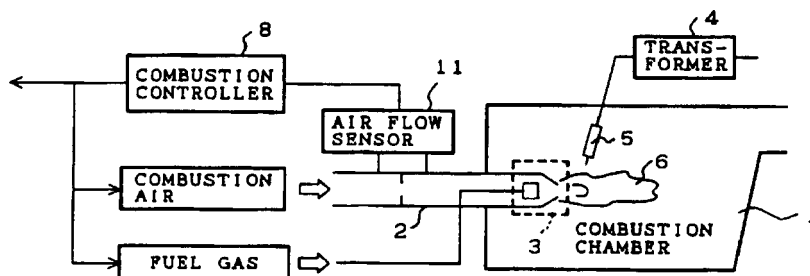
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(54) **Combustion control system**

(57) A prior art combustion control system fails to accurately detect firing by deterioration of an ultraviolet sensor and to decide a suitable maintenance/checking timing. According to a combustion control system of the present invention, a flow velocity detector (11) detects a flow velocity of a combustion air or a fuel gas supplied

into a combustion chamber (1) and a combustion controller (8) decides whether a firing state is normal or abnormal on the basis of a decelerated state of the flow velocity detected by the flow velocity detector upon ignition operation of the combustion chamber.

FIG. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 96 11 8964

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	PATENT ABSTRACTS OF JAPAN vol. 014, no. 416 (M-1021), 7 September 1990 & JP 02 161212 A (HARMAN CO LTD), 21 June 1990 * abstract; figure * ---	1	F23N5/18 F23N5/24
A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 456 (M-1314), 22 September 1992 & JP 04 161720 A (BABCOCK HITACHI KK), 5 June 1992 * abstract; figure * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F23N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 December 1998	Examiner Kooijman, F
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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