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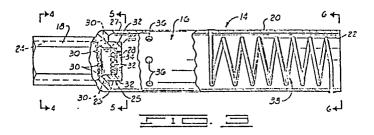
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(54) Pilot burner.

67) Pilot burner apparatus is provided which has improved flame stability and other characteristics. The pilot burner (14) is comprised of a hollow body member (16) having at one end a combustible gas inlet nozzle portion (25) connected to a sleeve portion (20) which forms an outlet (22) at the other

end. A heat-retaining member (38) is disposed within the sleeve portion adjacent the outlet end thereof. Upon short duration combustion disturbances, flame stability is maintained by the burner.





## EUROPEAN SEARCH REPORT

0159421

Application number

EP 84 30 1953

	DOCUMENTS CONSIDERED TO BE RELEVANT						
	Category	Citation of document with of releva	n indication, where appropriate, ant passages		levant claim	CLASSIFICATION OF APPLICATION (Int. C	
		DE-A-1 629 898 ( * Page 1, last 4,5, claims; figu	paragraph; page		3-10	F 23 Q 9/	<b>′</b> 00
	x	BE-A- 679 953 (	JUNKERS)	1-3	3,5,		
		* Page 10, abstr figures 1-5 *	act, points 1-3	;			
	A	DE-A-1 954 185 ( * Page 6; claim 1		1			
	A	US-A-3 154 132 ( * Columns 2,3; cl		1			
	A	US-A-2 828 814 ( * Column 2, lines	LARKIN) 27-41 *	1		TECHNICAL FIELD: SEARCHED (Int. CI.	S 4)
						F 23 Q F 24 C	
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	The present search report has been drawn up for all claims						
		Place of search THE HAGUE	Date of completion of the s 06-06-1986		Examiner VANHEUSDEN J.		
EPO Form 1503, 03.82	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 Q: non-written disclosure			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			