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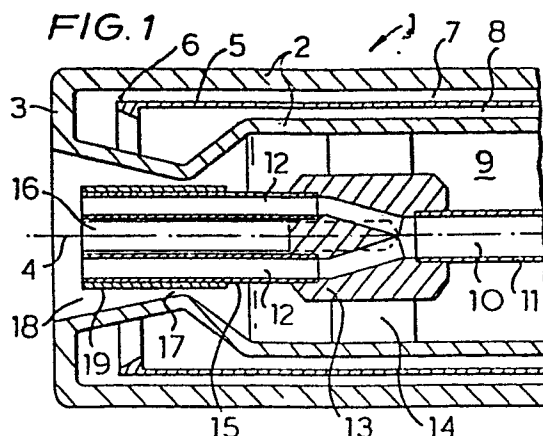
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54 **Burner and process for gasifying solid fuel.**

57 Burner for the gasification of a finely divided solid fuel, which burner has an oxygen supply passage 9 and a solid fuel supply passage 10, the oxygen supply passage 9 debouching into a central high velocity oxygen outlet passage 16 and via a constricted passage 17 into a low velocity oxygen outlet passage 18, while the solid fuel supply passage 10 is connected to a solid fuel outlet passage 12 substantially arranged between the oxygen passages 16 and 18.





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. 4)
Y	WÄRME, vol. 71, no. 3, 1965, pages 104-107, Verlag Resch KG, München-Großelring, DE; K. BAMMERT: "Wirbelbrenner für Lufterhitzer von Heissluftturbinen" * Page 106, last paragraph; page 107; figure 7 *	1	C 10 J 3/48 C 10 J 3/46
A	Idem	8, 10, 11	
Y	--- US-A-2 751 286 (TOTZEK) * Column 3, lines 36-43; column 4, lines 51-61; columns 5-6, claims 7-9 *	1	
A	--- US-A-2 380 463 (POOLE) * Page 3, claim 1 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	--- US-A-1 708 496 (CLENDON)		C 10 J F 23 D
A	--- GB-A- 316 667 (SOCIETE ANONYME DES APPAREILS DE MANUTENTION ET FOURS STEIN) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-09-1985	Examiner WENDLING J.P.
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	