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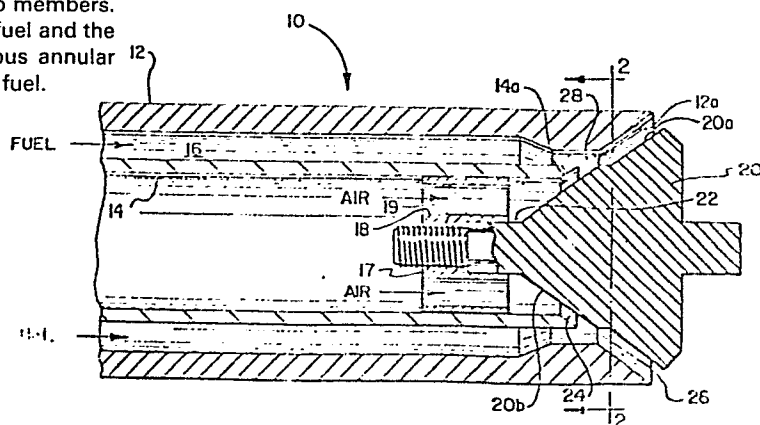
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54 **Twin fluid atomizer.**

57 An atomizer for mixing a compressible fluid such as air or steam with a liquid fuel to atomize the latter, in which a pair of tubular members are disposed in a concentrically-spaced relationship with the compressible fluid being introduced to the innertubular member and the liquid fuel being introduced in the annular space between the two members. A mixing chamber is provided for receiving the fuel and the fluid, and is in communication with a continuous annular discharge passage for discharging the atomized fuel.

FIG. 1





European Patent
Office

EUROPEAN SEARCH REPORT

0128805

Application number

EP 84 40 1086

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	US-A-2 414 459 (FLETCHER) * Column 3, lines 51-69; figures 2,4,6,7 *	1-9,11	F 23 D 11/10 F 23 D 1/00 B 05 B 7/04
X	---	12-16	
Y	DE-A-2 823 253 (BISA) * Page 30, lines 14-24; figures 3,5 *	1-9,11	
Y	FR-A-1 032 139 (MODRIN) * Column 2, paragraphs 2,3; figures 1-4,6 *	1-9,11	
A	US-A-3 747 860 (HABERS) * Column 2, lines 55-67; figures 1,2 *	6	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	FR-A-1 310 697 (CHIRON-WERKE) * Column 1, paragraph 1; figures 1-4 *	10	F 23 D B 05 B
A	US-A-2 089 673 (STEINMANN)		
A	GB-A- 386 181 (DE VILBISS)		
A	US-A-3 363 840 (HALL)		
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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 search 11-11-1985	Examiner BORRELLI R.M.G.A.
CATEGORY OF CITED DOCUMENTS		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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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)
A	US-A-3 072 344 (McKENZIE)		

A	US-A-3 790 086 (MASAI)		

A	US-A-3 739 990 (TRIGGS)		

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			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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