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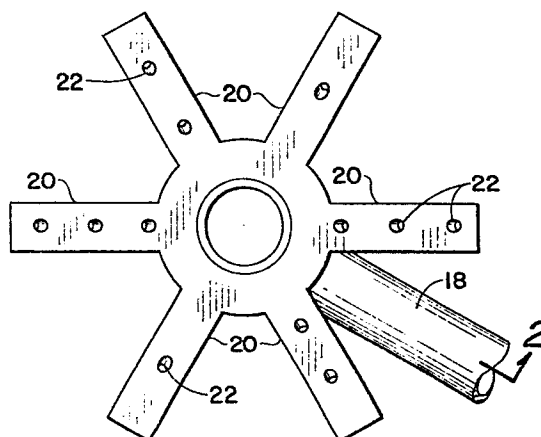
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**Apparatus and method to add kinetic energy to a low pressure waste gas flare burner.**

A flare for burning low pressure waste gas wherein kinetic energy is imparted to the gas in a device having a central conduit (12) for the low pressure waste gas and a plurality of radial arms (20) surrounding the central conduit (12) to which are supplied high pressure fluids at a steep upward angle (A) to impart time-turbulence and temperature for creating 'stand-up' flare burning substantially unaffected by wind.





European Patent  
Office

## EUROPEAN SEARCH REPORT

0125917

Application number

EP 84 30 3250

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. 3)
X	FR-A-2 385 038 (J. ZINK CO.)  * Page 4, lines 8-34, page 6, lines 5-23, page 6; line 33 - page 7, line 4; figures 1-3, 6, 7 *	1, 4	F 23 G 7/06
Y		6	
A		5, 2	
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Y	FR-A-2 343 971 (J. ZINK CO.)  * Page 5, lines 29-33; figures 1, 6 *	6	
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			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			F 23 G F 23 D F 23 C E 21 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-02-1985	Examiner COMEL
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	