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54 A method of disposing of waste gas and means for carrying out such a method.

57 A flare stack tip assembly serving to discharge waste gas for disposal by combustion. The assembly has an upper frusto-conical tip structure (8) onto which a plurality of injector devices (16) are mounted. Each of the injector devices (16) is supplied with steam which flows through a protected annular passageway (41) therein. The annular flow of steam in each device (16) induces ambient air to flow (other than by the coanda effect) into an open inlet of the device and to mix with the surrounding steam for discharge into the waste gas passing up through the assembly prior to combustion.

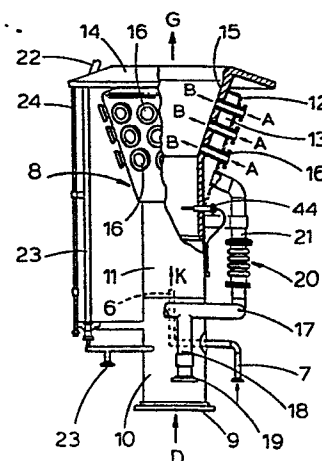
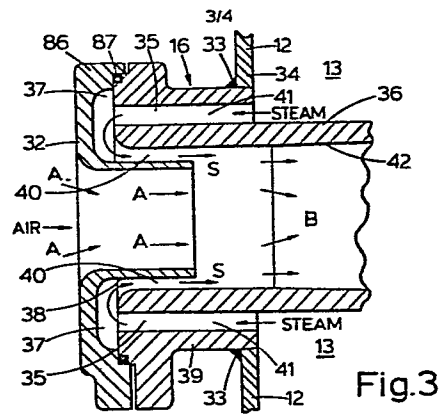


Fig.1



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EUROPEAN SEARCH REPORT

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EP 81 30 2775

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	GB - A - 2 001 161 (JOHN ZINK CO) * Figures 1,6; page 1, line 128 - page 2, line 8; page 2, lines 111-120 * --	1,9	F 23 G 7/06 F 23 L 7/00
A	GB - A - 1 401 763 (A.E. PROCTOR) * Figures 6,7; page 3, lines 8-41 * --	2	
A	FR - A - 2 379 025 (BRITISH PETR. CO. LTD) * Figures; page 4, lines 15-37 * --	2	TECHNICAL FIELDS SEARCHED (Int.Cl. ³) F 15 D F 23 G F 23 L F 28 B F 28 C
A	GB - A - 1 368 373 (COMBUSTION UNLIMITED INC.) * Figures 1,3,5; page 2, lines 10-21, lines 62-71 * --	7,8	
A	CHEMICAL ENGINEERING PROGRESS, vol. 69, no. 10, October 1973 Middlesex, GB D. SHORE: "Noise control. Toward quieter flaring", pages 60-64 * Figures 1,2; page 2, column 2, lines 2-21 * ----		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
<input checked="" type="checkbox"/> The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 25-03-1982	Examiner DIJKSTRA