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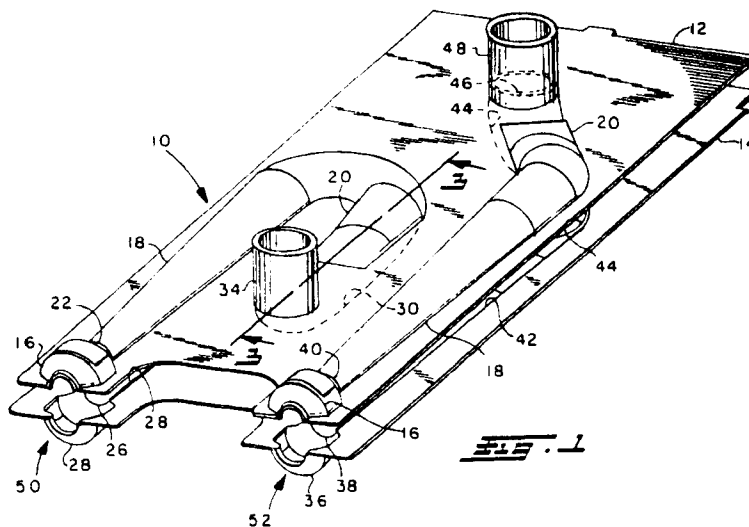
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(54) **Mixer tube assembly for fuel gas burner**

(57) A fuel/air mixture tube assembly (10) for inter-connecting a range top burner with a fuel gas manifold. The tube is preferably formed by stamping half shells (12,14) from thin sheet metal and joining the half shells to form a tube having an inlet (16) for connection to the manifold and an outlet (20) for connection to the burner

inlet. An inlet flap or door (54) is integrally stamped in the half shells adjacent the inlet end. After assembly the flap or door may be mechanically deformed to vary the air inlet opening.



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EUROPEAN SEARCH REPORT

Application Number
EP 97 10 3204

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.6)
Y	GB 808 323 A (PARKINSON & COWAN LTD) 4 February 1959 * page 1, line 72 - page 2, line 9; figures 1-3 *	1-15	F23D14/46 F23D14/64
Y	US 5 163 830 A (PFEFFERKORN EARLE L) 17 November 1992 * column 6, line 29 - line 51; figures 5-10 *	1-15	
A	GB 2 191 853 A (ULGOR S COOP) 23 December 1987 * the whole document *	1-15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F23D F24C F23C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		24 November 1998	Coli, E
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	

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