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EUROPEAN PATENT APPLICATION

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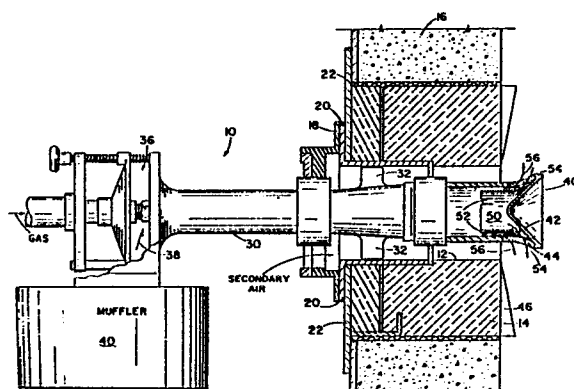
⑧④ Designated Contracting States: **DE FR GB IT NL**

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⑤④ **Even flow radiant burner tip.**

⑤⑦ A gas burner assembly (10) supported in an opening (12) in a furnace wall (14) has injected gas and/or air flowing through an inner burner tube (30) thence outwardly through a plurality of openings (44) for burning along the surface of a wall (46) thus providing a near uniform radiant heat energy to the furnace. A flow divider (50) positioned opposite the openings (44) divides the flowing gas and/or air to improve distribution, and retard flashback in the event of variations in fuel-air mixture and/or flow.





European Patent
Office

EUROPEAN SEARCH REPORT

0158414

Application number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85301042.9
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	FR - A - 918 652 (SCHÄFER) * Totality * --	1-3	F 23 D 14/06 F 23 D 14/12
Y	FR - A - 2 115 853 (AIROL BURNER) * Fig. 2 * --	1-3	
A	US - A - 1 754 603 (BROWN) * Totality * --	1,5	
A	FR - A - 1 233 698 (SOCIETE ANONYME) * Totality * --	1,5	
A	FR - A - 1 234 279 (MASSON) * Totality * --	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
D,A	US - A - 4 257 762 (ZINK) * Fig. 3 * ----	1	F 23 D 14/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 20-10-1986	Examiner SCHMIDT
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	