(1) Publication number:

0 145 382

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84308114.2

(5) Int. Cl.⁴: **F** 23 **D** 1/02 F 23 C 7/00

(22) Date of filing: 22.11.84

(30) Priority: 22.11.83 GB 8331128

43 Date of publication of application: 19.06.85 Bulletin 85/25

88) Date of deferred publication of search report: 02.10.85

(84) Designated Contracting States: DE GB IT NL SE

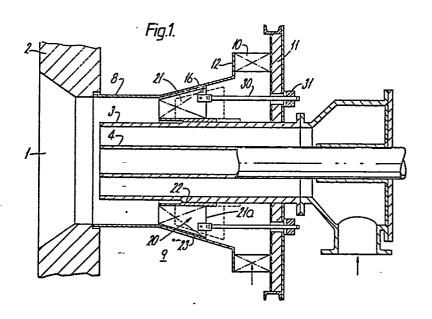
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(54) Improvements in or relating to axial swirl generators.

(57) The invention provides a burner that may be mounted at the wall 2 of a furnace. A mixture of pulverised fuel and primary air is discharged through a duct 4 and secondary air is discharged through a duct 8. The duct 8 includes a portion 16 that is convergent in the direction of flow. The convergent portion 16 houses a unit in the form of two concentric rings 22 and 23 between which are connected swirl inducing vanes 21. The unit can be moved between a forward position in which secondary air can pass only between the vanes and a retracted position in which part of the secondary air can flow between the vanes and part can flow as an envelope around the unit.





EPO Form 1503, 03.82

EUROPEAN SEARCH REPORT

0145382 Application number

EP 84 30 8114

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Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
х	ll, no. 10, 5th pages 465-466, H.ULLRICH: "Übe Rundbrenner für Brennstoffe" * Page 465, lines 8-18; p	Düsseldorf, DE;	1-6	F 23 D 1/02 F 23 C 7/00
х	FR-A-2 450 999 * Page 6, lines	 (STEINMÜLLER) 18-21; figure 1 *	1,2,3,	
Y	·		4	
Y	GB-A- 672 583 SLIPWAY & ENG. (* Page 1, lines	 (WALLSEND CO. LTD.) 75-78; figure 2 *	4 -	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
		- 		F 23 D F 23 C
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	The present search report has b	een drawn up for all claims		
THE HACUE Date of completion of the search		BELTZU	NG E.C.	
Y: par doc A: tecl O: nor	CATEGORY OF CITED DOCU ticularly relevant if taken alone ticularly relevant if combined w sument of the same category hnological background n-written disclosure primediate document	E : earlier pate after the fili ith another D : document o L : document o	nt document, buing date cited in the applicited for other re	ng the invention ut published on, or cation easons family, corresponding