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Europäisches Patentamt
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(11) Publication number:

0 390 231 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **90200115.5**

(51) Int. Cl.⁵: **F27B 9/36**, F27B 9/06,
F26B 21/00, F26B 3/20,
F24C 15/24

(22) Date of filing: **16.01.90**(30) Priority: **28.03.89 US 329891**

(43) Date of publication of application:
03.10.90 Bulletin 90/40

(84) Designated Contracting States:
BE CH DE DK ES FR GB IT LI LU NL SE

(88) Date of deferred publication of the search report:
09.01.91 Bulletin 91/02

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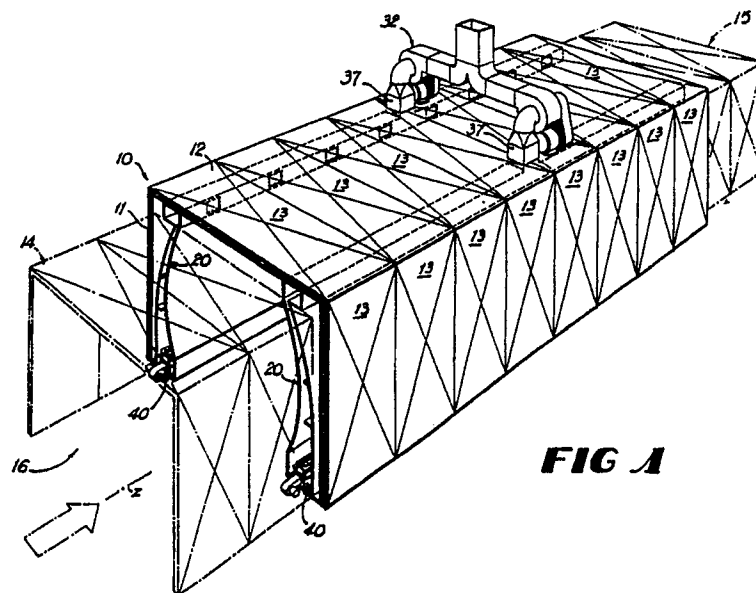
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(54) **Apparatus and process for generating radiant energy.**

(57) A radiant wall structure including a radiant emitting wall (20) and a second wall spaced from the radiant emitting wall to define a combustion chamber therebetween. A line burner (40) is positioned in the combustion chamber and delivers heated gases upwardly through the combustion chamber. The dis-

tance between the radiant emitting wall (20) and the second wall is selectively varied to vary the velocity of the heated gases passing through the combustion chamber, to thereby selectively control the energy transferred to the radiant emitting wall (20).

**FIG 1****EP 0 390 231 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 90 20 0115

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.5)		
X	FR-A-1 038 813 (R. LEJAY) * Page 2, left-hand column, lines 29-41; figures * - - -	1,3,4,5	F 26 B 3/36 F 27 B 9/06 F 26 B 21/00 F 26 B 3/20 F 24 C 15/24		
A,D	US-A-4 546 553 (W.H. BEST) * Claims; figure * - - -				
A,D	US-A-4 785 552 (W.H. BEST) * Claims; figures * - - -				
A	GB-A-5 841 68 (J. DANEK) - - - - -				
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (int. Cl.5) F 27 D F 23 C F 26 B F 24 C		
Place of search The Hague		Date of completion of search 30 November 90	Examiner COULOMB J.C.		
<table><tr><td>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</td><td>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</td></tr></table>				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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