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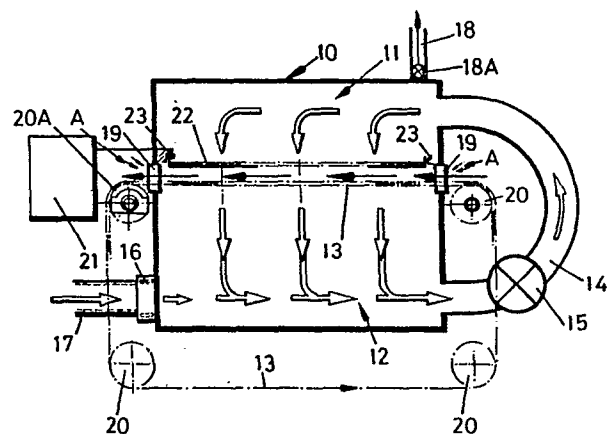
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(54) **Drying or baking apparatus.**

(57) A drying or baking apparatus comprises a chamber (10) divided into two compartments (11, 12) by a metal air-pervious conveyor (13) for granular material to be dried or baked and with the compartments being connected by ducting (14) incorporating, or having associated therewith, suction fan means (15) and air heating means (16). The apparatus is characterised by a perforated electrode structure (22) parallel with and spaced from the granular material-supporting surface of the conveyor (13), and radio frequency heating means connected to the perforated electrode structure (22) and the pervious metal conveyor (13) which serves as the other electrode of the radio frequency heating means, whereby a radio frequency heating means is provided so that the granular material is subjected both to internal radio frequency heating and surface air heating.



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DOCUMENTS CONSIDERED TO BE RELEVANT			EP 87310155.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
D, Y	<u>GB - A - 1 191 488</u> (GREENBANK) * Page 1, line 9 - page 2, line 25; page 2, line 89 - page 3, line 14; fig. 1,2 * --	1	F 26 B 7/00 F 26 B 23/08 F 26 B 17/04
Y	<u>EP - A2 - 0 130 342</u> (SIEMENS)	1	
A	* Page 3, lines 11-27; fig. * --	2	
A	<u>EP - A2 - 0 094 825</u> (THE ELECTRICITY COUNCIL) * Abstract; page 1, line 15 - page 2, line 3 * --	1	
A	<u>US - A - 3 878 619</u> (HODGETT et al.) * Abstract; column 1, lines 27-48 * --	1	
A	<u>US - A - 4 430 806</u> (HOPKINS) * Abstract * ----	1, 4	TECHNICAL FIELDS SEARCHED (Int. Cl. 4, F 26 B
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 20-06-1989	Examiner HAJOS
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	