

Title (en)  
Drying or baking apparatus.

Title (de)  
Trocknungs- oder Backvorrichtung.

Title (fr)  
Dispositif de séchage ou de cuisson.

Publication  
**EP 0269358 A2 19880601 (EN)**

Application  
**EP 87310155 A 19871118**

Priority  
GB 8628138 A 19861125

Abstract (en)  
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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IPC 8 full level  
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CPC (source: EP)  
**F26B 3/343** (2013.01); **F26B 17/04** (2013.01)

Cited by  
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