

Title (en)  
CONVECTIVE DRYING APPARATUS

Publication  
**EP 0272854 A3 19891102 (EN)**

Application  
**EP 87310921 A 19871211**

Priority  
GB 8629882 A 19861215

Abstract (en)  
[origin: EP0272854A2] A hot gas convective drying apparatus is provided with a plurality of nozzles for directing hot gas onto material to be dried and with radio frequency heating means adapted to create a radio frequency field in the region through which the material to be dried travels. The electrode means of the radio frequency heating means comprises a pair of spaced perforated plates (11,12) between which the material (10) to be dried passes and with which are associated the hot gas directing nozzles. Alternatively the electrode means is a single perforated plate (11b) with an opposed array of individual hot gas directing nozzles.

IPC 1-7  
**F26B 23/08**; **F26B 13/10**

IPC 8 full level  
**F26B 3/34** (2006.01); **F26B 13/10** (2006.01); **F26B 23/08** (2006.01)

CPC (source: EP)  
**F26B 3/343** (2013.01); **F26B 13/10** (2013.01)

Citation (search report)  
• [X] GB 914546 A 19630102 - BASF AG  
• [AD] GB 2123537 A 19840201 - ELECTRICITY COUNCIL

Cited by  
US5659972A; US5813134A; US5981022A; EP0853748A4; CN115672692A; EP0388990A2; WO2009155889A1

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