

Title (en)

Radio-frequency heating device for dielectric materials.

Title (de)

Hochfrequenzheizvorrichtung für dielektrischen Materialien.

Title (fr)

Dispositif pour le chauffage par radio-fréquence de matériaux diélectriques.

Publication

**EP 0651590 A2 19950503 (EN)**

Application

**EP 94203064 A 19941021**

Priority

IT MI932272 A 19931027

Abstract (en)

A radio-frequency heating device (10, 110) for dielectric products (11, 111) comprising a plurality of electrodes (12, 112) disposed in side by side relation and connected to a high-frequency voltage generator (13, 113) for producing an electric field between each other. Each electrode (12, 112) comprises equipotential electrode surfaces (14, 15, 114, 115) disposed on opposite sides of the product received in the device. <IMAGE>

IPC 1-7

**H05B 6/46**; H05B 6/60

IPC 8 full level

**H05B 6/46** (2006.01); **H05B 6/60** (2006.01)

CPC (source: EP)

**H05B 6/46** (2013.01); **H05B 6/60** (2013.01)

Cited by

EP1753265A1; WO2011090961A1; WO03101153A1; US8357726B2; US8470897B2; US7328653B2

Designated contracting state (EPC)

BE DE DK ES FR GB IT NL

DOCDB simple family (publication)

**EP 0651590 A2 19950503**; **EP 0651590 A3 19950927**; IT 1266633 B1 19970109; IT MI932272 A0 19931027; IT MI932272 A1 19950427

DOCDB simple family (application)

**EP 94203064 A 19941021**; IT MI932272 A 19931027