

Title (en)

Far infrared drying device.

Title (de)

Infrarottrocknungsvorrichtung im Langwellenbereich.

Title (fr)

Dispositif de séchage à rayonnement infrarouge dans le domaine des ondes longues.

Publication

EP 0329864 A2 19890830 (EN)

Application

EP 88202866 A 19881213

Priority

JP 2251788 U 19880223

Abstract (en)

A far infrared drying device comprising a hot air chamber housing (12) having an inner end and an outer end and defining therein a hot air chamber (12a), an electric heater (18) and a blower unit (24) disposed adjacent the inner end of the hot air chamber housing for introducing hot air into the hot air chamber, a radiant heat-resistant plate (16) disposed across the outer end of the hot air chamber housing, and restrictive aperture means (30) provided in at least one of the hot air chamber housing and the radiant heat-resistant plate for discharging the hot air introduced into the hot air chamber therefrom while restricting the amount of the discharged hot air, the radiant heat-resstricted plate having a ceramic layer (31) over its outer surface.

IPC 1-7

F26B 3/00; **F26B 23/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

GB2413073A; US6798982B2; EP1385401A4; EP1086630A3; EP0486036A1; EP0527253A1; IT201800001514A1; EP0565933A1; FR2689735A1; CN1041052C; US8424543B2; WO2005106095A1; WO0233335A1

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