

Title (en)
Heating apparatus.

Title (de)
Heizapparat.

Title (fr)
Appareil de chauffage.

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Application
EP 84303729 A 19840604

Priority
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Abstract (en)
Heating apparatus includes a tray (1) having a layer (2) of insulative material disposed therewithin, above which a number of infra-red lamps (7) are supported. The ends of each lamp (7) are provided with a pinch seal (12) having an amp tag connector (14), which is connected to the respective end of a filament (9) within the lamp (7), sealed therein. Each pinch seal (12) is enclosed within a ceramic housing (10) and the heating apparatus is mounted beneath a layer of glass ceramic (25). A plate (15) of heat-conductive material is intimately disposed between the top surface of one or more of the ceramic housings (10) and the under surface of the glass ceramic (25), so as to encourage heat from the pinch seals (12) to conduct in an upward direction towards the glass ceramic (25). In another embodiment, a heat conductive stud (22) is intimately disposed between the glass ceramic layer (25) and the pinch seal (12), via an aperture (27) in the housing (24).

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H05B 3/06 (2013.01); **H05B 3/744** (2013.01)

Citation (search report)
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