

Title (en)

Radiant electric heater and method of manufacture

Title (de)

Elektrischer Strahlungsheizkörper und Herstellungsverfahren

Title (fr)

Appareil de chauffage électrique par radiations et sa méthode de fabrication

Publication

**EP 1045616 B1 20061227 (EN)**

Application

**EP 00302846 A 20000404**

Priority

GB 9908609 A 19990416

Abstract (en)

[origin: EP1045616A2] A radiant electric heater (1) comprises a heating element (5) in the form of a geometrical pattern separated from a metal foil and overlying a base (3) of thermal and electrical insulation material. The pattern includes a plurality of strips (6) in lateral spaced disposition traversing the heater (1) and each having a width considerably greater than its thickness. The strips (6) each have a major face facing the base (3) and are formed with undulations providing alternating peaks (7) and troughs (8). For any strip, the peaks (7) of the undulations are substantially laterally aligned with troughs (8) of the undulations in an adjacent strip. The heating element (5) is arranged with peaks (7) of the undulations in the strip (6) supported on protrusions (4) provided on the base (3). <IMAGE>

IPC 8 full level

**H05B 3/74** (2006.01)

CPC (source: EP)

**H05B 3/748** (2013.01)

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DOCDB simple family (publication)

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