

Title (en)

Radiant electric heater and method of its production

Title (de)

Elektrischer Strahlungsheizkörper und Verfahren zu seiner Herstellung

Title (fr)

Unité de chauffage par radiation et procédé de sa fabrication

Publication

EP 0729290 A3 19970604 (DE)

Application

EP 96101946 A 19960210

Priority

DE 19506685 A 19950225

Abstract (en)

[origin: EP0729290A2] The heating element has an insulating body (4) and at least one heating conductor (10) embedded in its surface, provided by an upstanding conductor band, which is corrugated along its length. The heating section (15) of the band projecting from the surface of the insulating body is continuous, while the foot section (11) embedded in its surface is interrupted, the embedded sections joined to the heating section by narrow bridge sections.

IPC 1-7

H05B 3/68

IPC 8 full level

F24C 7/04 (2006.01); **H05B 3/16** (2006.01); **H05B 3/68** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

H05B 3/748 (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US)

Citation (search report)

- [A] GB 2278261 A 19941123 - CERAMASPEED LTD [GB]
- [A] DE 2551137 A1 19770518 - EGO ELEKTRO BLANC & FISCHER
- [A] US 4292504 A 19810929 - GEBAROWSKI PETER D, et al
- [DA] DE 4229375 A1 19940310 - EGO ELEKTRO BLANC & FISCHER [DE]
- [A] DE 317753 C

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WO2005047508A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0729290 A2 19960828; EP 0729290 A3 19970604; EP 0729290 B1 20010919; AT E205995 T1 20011015; DE 19506685 A1 19960829; DE 59607699 D1 20011025; US 5753892 A 19980519

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EP 96101946 A 19960210; AT 96101946 T 19960210; DE 19506685 A 19950225; DE 59607699 T 19960210; US 60441396 A 19960221