

Title (en)

Radiant heater and method for its manufacture

Title (de)

Verfahren zur Herstellung eines Strahlungsheizkörpers und Strahlungsheizkörper

Title (fr)

Corps de chauffe rayonnant et son procédé de fabrication

Publication

**EP 0750444 B2 20060412 (DE)**

Application

**EP 96109730 A 19960618**

Priority

DE 19522798 A 19950623

Abstract (en)

[origin: EP0750444A1] The method involves pressing a heat barrier film (15) in a special form as a tablet (12) of disposable heat resistant material with an essentially flat surface. The heat conductor (17) is attached to the surface with partial embedding in the heat barrier material. The tablet is placed in an empty carrier shell (23) as a one-piece heat barrier. The partial embedding is performed in the vicinity of protruding attachment feet (22) of the heat conductor. The heat conductor is placed in an insertion tool (16) and pressed into the surface of the tablet with its embedded parts.

IPC 8 full level

**H05B 3/74** (2006.01)

CPC (source: EP US)

**H05B 3/748** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US)

Citation (opposition)

Opponent :

- US 4789773 A 19881206 - MIKSCHL BERNHARD [DE]
- US 5196678 A 19930323 - DOERNER LEONHARD [DE]
- EP 0612196 A1 19940824 - CERAMASPEED LTD [GB]
- US 4713527 A 19871215 - KICHERER ROBERT [DE], et al
- US 5181312 A 19930126 - GROSS MARTIN [DE]
- EP 0644707 A1 19950322 - WACKER CHEMIE GMBH [DE]
- EP 0618399 A1 19941005 - WACKER CHEMIE GMBH [DE], et al
- US 5556689 A 19960917 - KRATEL GUENTER DR [DE], et al

Cited by

EP3115698A1; DE102006017998A1; EP1229763A3; EP3771287A1; DE102012002163A1; WO2013113703A1; DE102015212916A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0750444 A1 19961227**; **EP 0750444 B1 20011205**; **EP 0750444 B2 20060412**; AT E210363 T1 20011215; DE 19522798 A1 19970102; DE 59608342 D1 20020117; ES 2169175 T3 20020701; ES 2169175 T5 20061116; SI 0750444 T1 20020430; SI 0750444 T2 20060831; TR 199600520 A2 19970321; US 5834740 A 19981110

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**EP 96109730 A 19960618**; AT 96109730 T 19960618; DE 19522798 A 19950623; DE 59608342 T 19960618; ES 96109730 T 19960618; SI 9630441 T 19960618; TR 9600520 A 19960620; US 66666896 A 19960618