

Title (en)

HEATING ARRANGEMENT USING A P.T.C. RESISTANCE

Publication

EP 0026456 A3 19810415 (DE)

Application

EP 80105755 A 19800924

Priority

DE 2939470 A 19790928

Abstract (en)

[origin: ES8105915A1] A heating device has a PTC resistor plate as the heating element and is covered with an insulating body. Between the heating element and the insulating body, on each of opposite surfaces of the heating element, ductile metal layers, preferably aluminum, are provided under a permanent pressure of at least 0.3×10^8 Pa, the layers being designed as current supply electrodes having electrical terminals. The resistor plate may advantageously have a surface roughness in the magnitude of 100 μ m.

IPC 1-7

H05B 3/06; **H05B 3/14**

IPC 8 full level

H01C 1/14 (2006.01); **H05B 3/06** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP US)

H01C 1/1406 (2013.01 - EP US); **H05B 3/06** (2013.01 - EP US); **H05B 3/14** (2013.01 - EP US); **H05B 2203/02** (2013.01 - EP US)

Citation (search report)

- US 2606986 A 19520812 - SWEGGER RUSSELL P
- DE 7838558 U1 19790329

Cited by

EP0487920A1; EP0398811A3; US5212466A; US5351390A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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