

Title (en)

FLAT CERAMIC SUPPORT WITH AN ELECTRIC RESISTANCE LAYER AND METHOD FOR ADJUSTING THE RESISTANCE VALUE OF THE RESISTANCE LAYER

Publication

EP 0157179 B1 19891108 (DE)

Application

EP 85102232 A 19850228

Priority

- DE 3407444 A 19840229
- DE 3433669 A 19840913

Abstract (en)

[origin: EP0157179A1] 1. A flat ceramic shaped body provided on one side with an electrically resistive coating exhibiting nonmetallic, electrically conductive particles having a large specific surface and not substantially altering their electric conductivity at higher temperatures, in particular graphite, characterized in that a tile is used that is pressed from a plastic ceramic starting material, rolled and baked and whose thickness is at least 1:45 000 relative to the surface area and whose surface area is at least 3600 square centimeters, the electrically resistive coating is disposed on the side of the ceramic body facing away from the visible side, and the particles are embedded in an electrically non-conductive or poorly conductive carrier substance in such a way that the resistive coating has an even electric and thermal conductivity.

IPC 1-7

H05B 3/26

IPC 8 full level

H05B 3/26 (2006.01)

CPC (source: EP)

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Cited by

US7090744B2; EP0231913A3; US4839500A; USRE33529E; DE3827825A1; EP0357945A1; US4964013A; WO2004105440A3

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