

Title (en)

SPACE HEATING ELEMENT CONSISTING OF A CERAMIC BODY PROVIDED WITH AN ELECTRICALLY RESISTANT LAYER, ESPECIALLY IN THE FORM OF A CERAMIC PLATE

Publication

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Application

EP 88102207 A 19880215

Priority

- DE 3705028 A 19870217
- DE 3710626 A 19870331

Abstract (en)

[origin: US4868899A] A space heating element having a ceramic body, an electrically conductive ceramic glaze provided on the side of the ceramic shaped body opposite the visible side, and a nonconductive ceramic glaze provided over the electrically conductive glaze. The electrically resistive glaze has nonmetallic electrically conductive particles embedded in a carrier substance. The nonconductive glaze has the same carrier substance as the electrically conductive glaze but has kaolin particles embedded therein in place of the nonmetallic electrically conductive particles. The ceramic body, electrically resistive glaze and nonconductive ceramic glaze are heated to a temperature below the quartz transition temperature.

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IPC 8 full level

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CPC (source: EP US)

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