

Title (en)
THICK FILM HEATER

Title (de)
DICKSCHICHT HEIZELEMENT

Title (fr)
ORGANE CHAUFFANT A FILM MINCE

Publication
EP 1121835 B1 20070321 (EN)

Application
EP 00953316 A 20000814

Priority
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Abstract (en)
[origin: EP1713307A2] An electrical resistance or heater of the type comprising a thick film resistive track provided on an insulating substrate has two predetermined sections of said track (8d,8e) with a predetermined current carrying capacity. These sections are bridged by a discrete bridge (22) of an insulating material, e.g. glass, which at a predetermined temperature becomes sufficiently conductive to cause a failure current to flow through one or both of said sections (8d,8e). The resistive track (8) is protected from oxidation by a separate overglaze layer. The heater track section (8d) passing the failure current is provided with means, such as an aperture (24) in the track, for concentrating locally the current flowing therethrough.

IPC 8 full level
H05B 3/26 (2006.01); **H05B 1/02** (2006.01)

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