

Title (en)
THICK FILM HEATERS AND RESISTANCES

Title (de)
DICKSCHICHT-HEIZELEMENTE UND -WIDERSTANDE

Title (fr)
APPAREILS DE CHAUFFAGE ET RESISTANCES A COUCHE EPAISSE

Publication
EP 1366640 A1 20031203 (EN)

Application
EP 02701449 A 20020305

Priority
• GB 0200951 W 20020305
• GB 0105384 A 20010305

Abstract (en)
[origin: GB2373157A] A thick film heating element or resistance comprises a main track 4 arranged to carry electric current during normal operation and an auxiliary track portion 26a, 26b electrically coupled to said main track 4 by a bridge 32 of glass, glass-ceramic or ceramic material such that it does not carry current during normal operation, but wherein the configuration of the auxiliary track 26a, 26b and the bridge 32 of glass, glass-ceramic or ceramic material is chosen such that at a predetermined temperature a leakage current between the main 4 and auxiliary 26a, 26b tracks via gaps 30a, 30b rises to such an extent that a failure current flows through a section of the main track 4.

IPC 1-7
H05B 1/02; **H05B 3/82**

IPC 8 full level
H05B 1/02 (2006.01); **H05B 3/26** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP)
H05B 1/0283 (2013.01); **H05B 3/262** (2013.01); **H05B 3/265** (2013.01); **H05B 3/82** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/013** (2013.01); **H05B 2203/017** (2013.01)

Citation (search report)
See references of WO 02071800A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
GB 0105384 D0 20010418; **GB 2373157 A 20020911**; **GB 2373157 B 20041215**; AT E381240 T1 20071215; DE 60224013 D1 20080124; DE 60224013 T2 20080417; EP 1366640 A1 20031203; EP 1366640 B1 20071212; ES 2298343 T3 20080516; WO 02071800 A1 20020912; WO 02071800 A8 20031204

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