

Title (en)
PROCESS FOR MANUFACTURING THICK FILM VARISTORS

Publication
EP 0000864 B1 19810415 (DE)

Application
EP 78100192 A 19780619

Priority
DE 2735484 A 19770805

Abstract (en)
[origin: US4186367A] A glass-free thick film varistor operable at operating voltages ranging from about 30 to 200 volts per mm of active varistor material is produced by providing a screen-printable paste comprised of a non-glass containing substantially homogeneous mixture of granular varistor materials which have ZnO as the main component thereof and an organic binder, applying such paste in a desired pattern onto an insulating substrate and sintering such applied paste at relatively high temperatures so as to convert the paste into thick film varistors.

IPC 1-7
H01C 7/10; **H01C 17/06**; **C04B 35/00**

IPC 8 full level
H01C 7/10 (2006.01); **H01C 17/065** (2006.01)

CPC (source: EP US)
H01C 7/1006 (2013.01 - EP US); **H01C 17/06546** (2013.01 - EP US); **Y10T 29/49082** (2015.01 - EP US)

Cited by
US5973588A; EP0141179A3; US5837178A; EP0126984A1; FR2545259A1; GB2242065A; FR2659785A1; GB2242065B; US6183685B1; US6334964B1; US6743381B2

Designated contracting state (EPC)
FR GB NL SE

DOCDB simple family (publication)
EP 0000864 A1 19790307; **EP 0000864 B1 19810415**; CA 1117223 A 19820126; DE 2735484 A1 19790215; DE 2735484 C2 19840607; IT 1097664 B 19850831; IT 7826492 A0 19780804; JP S5429096 A 19790303; JP S5928962 B2 19840717; US 4186367 A 19800129

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EP 78100192 A 19780619; CA 308575 A 19780802; DE 2735484 A 19770805; IT 2649278 A 19780804; JP 9445278 A 19780802; US 91785778 A 19780622