

Title (en)
FUSE WITH HIGH DENSITY CERAMIC CASING AND METHOD OF FABRICATION OF THAT FUSE

Publication
EP 0283414 A3 19890222 (FR)

Application
EP 88420094 A 19880321

Priority
• CA 532649 A 19870320
• IN 226DE1988 A 19880321

Abstract (en)
[origin: US4855705A] A high power current-limiting fuse comprises a cylindrical envelope which closely surrounds a metallic fusible element in the form of a wire or ribbon. The cylindrical envelope is made of high density rigid ceramic such as Alumina of formula Al_2O_3 , and Beryllium oxide of formula BeO. The two ends of the envelope are metallized to form two terminals respectively connected to the ends of the fusible element, whereby the current-limiting fuse is connectable to an electric circuit to be protected through the two so formed terminals. A sheath of fiberglass or ceramic can be mounted around the cylindrical envelope so as to increase the mechanical rigidity of the current-limiting fuse.

IPC 1-7
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IPC 8 full level
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Citation (search report)
• [Y] GB 2069776 A 19810826 - TOKYO SHIBAURA ELECTRIC CO
• [Y] DD 109472 A5 19741105
• [A] FR 1149961 A 19580103 - FORCE ET LUMIERE ELECTR SOC D
• [A] CH 209745 A 19400430 - GARDY PARTICIP APP [CH]
• [A] DE 364719 C 19221130 - JOSEF GOETTE

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Designated contracting state (EPC)
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EP 0283414 A2 19880921; **EP 0283414 A3 19890222**; **EP 0283414 B1 19920923**; AR 241557 A1 19920831; BR 8801241 A 19881025; CA 1264791 A 19900123; CN 1008673 B 19900704; CN 1013719 B 19910828; CN 1042027 A 19900509; CN 88102153 A 19881005; DE 3874782 D1 19921029; DE 3874782 T2 19930401; IN 172362 B 19930703; JP S63264845 A 19881101; KR 880011853 A 19881031; KR 910005072 B1 19910722; MX 169655 B 19930716; US 4855705 A 19890808; US 4890380 A 19900102

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