

Title (en)

IMPROVED METHOD AND APPARATUS FOR A SURFACE-MOUNTED FUSE DEVICE

Title (de)

VERBESSERTES VERFAHREN UND GERÄT FÜR OBERFLÄCHENMONTIERTE SICHERUNGSVORRICHTUNG

Title (fr)

PROCEDE ET APPAREIL PERFECTIONNES POUR UN DISPOSITIF FUSIBLE MONTE EN SURFACE

Publication

**EP 0830704 A1 19980325 (EN)**

Application

**EP 96919129 A 19960606**

Priority

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- US 47256395 A 19950607
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Abstract (en)

[origin: WO9641359A1] A thin film surface-mount fuse (58) having two material subassemblies. The first subassembly includes a fusible link (42), its supporting substrate (13) and terminal pads (34, 36). The second subassembly includes a protective layer (56) which overlies the fusible link (42) so as to provide protection from impacts and oxidation. The protective layer (56) is preferably made of a polymeric material. The most preferred polymeric material is a polyurethane gel or paste. In addition, the most preferred supporting substrate is an FR-4 epoxy or a polyimide.

IPC 1-7

**H01H 85/046**; **H01H 69/02**

IPC 8 full level

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CPC (source: EP)

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