

Title (en)
Electric fuse

Title (de)
Elektrische Sicherung

Title (fr)
Fusible électrique

Publication
EP 0829897 A2 19980318 (DE)

Application
EP 97115993 A 19970915

Priority
DE 29616063 U 19960914

Abstract (en)
The electric fuse (1) has a substrate (3) of electrically insulating material. It also has at least two electric contacts (4) arranged at a distance from each other on the substrate (3). The fuse (1) also has a melt conductor (2). This electrically connects the contacts (4). An electrically insulating resin mass (7) is provided on the substrate (3). This covers the melt conductor (2) at least partly between the contacts (4). The substrate (3) is preferably a rectangular plate made of ceramic material. The resin mass (7) may be made of a paste which sets and which adheres to the substrate (3) after it has hardened. The resin mass may be porous and is preferably thermally stable. The contacts (4) may be formed by metallising opposing edges and/or sides of the substrate (3).

Abstract (de)
Die Erfindung betrifft eine elektrische Sicherung (1), gekennzeichnet durch die nachfolgende Merkmalskombination: ein Substrat (3) aus einem elektrisch isolierenden Werkstoff, mindestens zwei elektrische Kontakte (4), die im Abstand voneinander an dem Substrat (3) angeordnet sind, ein Schmelzleiter (2), der die Kontakte (4) elektrisch leitend verbindet, und eine elektrisch isolierende Vergußmasse (7) an dem Substrat (3), mit der der Schmelzleiter (2) mindestens teilweise zwischen den Kontakten (4) abgedeckt ist. <IMAGE>

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