

Title (en)
Electric fuse

Title (de)
Elektrische Sicherung

Title (fr)
Fusible électrique

Publication
EP 0829897 A3 19990616 (DE)

Application
EP 97115993 A 19970915

Priority
DE 29616063 U 19960914

Abstract (en)
[origin: EP0829897A2] 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).

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H01H 85/041

IPC 8 full level
H01H 85/041 (2006.01); **H01H 85/00** (2006.01)

CPC (source: EP)
H01H 85/0411 (2013.01); **H01H 85/003** (2013.01); **H01H 2085/0034** (2013.01); **H01H 2085/0414** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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DE 29616063 U1 19961031; DE 59711855 D1 20040923; EP 0829897 A2 19980318; EP 0829897 A3 19990616; EP 0829897 B1 20040818

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