

Title (en)
MINIATURE FUSE

Publication
EP 0321771 B1 19920610 (DE)

Application
EP 88120289 A 19881205

Priority
• DE 3742532 A 19871216
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Abstract (en)
[origin: EP0321771A2] A miniature fuse which has a fusing conductor (7), which melts in the event of an overload, in a gas-filled or evacuated chamber (9), which is sealed in a pressure-proof manner, is characterised by the arrangement of a metal surface (14) in the vicinity of the fusing conductor (7) in the chamber (9). The design of the metal surface (14) and its position with respect to the fusing conductor (7) are selected such that the arc (10) occurring on the fusing conductor when the fuse ruptures can transfer onto the metal surface (14), so that at least one secondary arc (11) is produced in parallel over the metal surface (14). As a result of the melting of the metal surface (14), so much heat is absorbed that the secondary arc (11) is extinguished. <IMAGE>

IPC 1-7
H01H 85/04; H01H 85/38

IPC 8 full level
H01H 85/165 (2006.01); **H01H 37/76** (2006.01); **H01H 85/04** (2006.01); **H01H 85/041** (2006.01); **H01H 85/147** (2006.01); **H01H 85/17** (2006.01); **H01H 85/18** (2006.01); **H01H 85/38** (2006.01); **H01H 85/00** (2006.01)

CPC (source: EP US)
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Cited by
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