

Title (en)
FUSE

Publication
EP 0526050 A3 19930825 (EN)

Application
EP 92306533 A 19920716

Priority
JP 18879691 A 19910729

Abstract (en)
[origin: EP0526050A2] Compact fuse has a fusible metal wire (12) extending between a pair of metal terminals (11). The wire (12) and the portion of the terminals (11) to which the wire (12) is connected are enclosed in an envelope (13) made of insulating material. The ends of the terminals (11) protrude outside the envelope (13). A barrier may be provided by filling the envelope with cellular resin (15) which covers the wire (12) and creates many isolated spaces that dissipate the thermal energy generated when the wire melts from overcurrent, thereby preventing damage to the envelope. <IMAGE>

IPC 1-7
H01H 85/044; **H01H 85/18**

IPC 8 full level
H01H 85/045 (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)
H01H 85/18 (2013.01); **H01H 85/0082** (2013.01); **H01H 85/0456** (2013.01)

Citation (search report)

- [X] WO 8700964 A1 19870212 - DUBILIER PLC [GB]
- [X] US 4709222 A 19871124 - MORITA SHIGERU [JP], et al
- [X] GB 1203861 A 19700903 - REYROLLE A & CO LTD [GB]
- [A] EP 0300654 A2 19890125 - GEN ELECTRIC CO PLC [GB]

Cited by
FR2725304A1; NL1000560C2

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0526050 A2 19930203; **EP 0526050 A3 19930825**; JP H0536344 A 19930212

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