

Title (en)  
FUSE ELEMENT FOR ELECTRIC INSTALLATIONS

Title (de)  
SICHERUNGSELEMENT FÜR ELEKTRISCHE ANLAGEN

Title (fr)  
ELEMENT FUSIBLE POUR INSTALLATIONS ELECTRIQUES

Publication  
**EP 1004131 A2 20000531 (DE)**

Application  
**EP 98942631 A 19980725**

Priority  
• DE 19735552 A 19970816  
• EP 9804683 W 19980725

Abstract (en)  
[origin: DE19735552A1] The fuse element (2,3,12) has a fuse insert which is destroyed when the current exceeds a given value for disconnection of the current circuit, provided with an exothermic reaction element (12), of aluminium and iron or aluminium and nickel, connected to a semiconductor switch (7), controlled in dependence on the detected current in the current circuit, provided by a current sensor (9).

IPC 1-7  
**H01H 85/00**

IPC 8 full level  
**B60R 16/02** (2006.01); **H01H 85/00** (2006.01); **H01H 85/055** (2006.01); **H01H 85/06** (2006.01); **H01H 85/46** (2006.01); **H02H 3/08** (2006.01); **H02H 3/087** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 9909575A2

Designated contracting state (EPC)  
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