

Title (en)  
ELECTRIC FUSE

Title (de)  
ELEKTRISCHE SICHERUNG

Title (fr)  
COUPE-CIRCUIT ELECTRIQUE

Publication  
**EP 1040495 A1 20001004 (DE)**

Application  
**EP 98966375 A 19981219**

Priority  
• DE 19757026 A 19971220  
• EP 9808340 W 19981219

Abstract (en)  
[origin: US6492747B1] The invention relates to a fuse having an input connection (1), an output connection (2) and two parallel current paths which connect both connections to one another. The current paths are namely a main current path (3) and a partial current path. The electric fuse comprises a single fuse element (5) arranged in the main current path (3). In addition, a switch (6) which is arranged in the partial current path is provided. The switch (6) is configured in such a way that it opens when given limiting values are exceeded, said limiting values pertaining to the current flowing through the fuse and/or to the temperature of the fuse element.

IPC 1-7  
**H01H 9/10**

IPC 8 full level  
**H01H 9/10** (2006.01)

CPC (source: EP US)  
**H01H 9/106** (2013.01 - EP US); **H01H 2085/0483** (2013.01 - EP US)

Citation (search report)  
See references of WO 9933079A1

Cited by  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 6492747 B1 20021210**; AT E213358 T1 20020215; DE 19757026 A1 19990701; DE 59803106 D1 20020321; EP 1040495 A1 20001004; EP 1040495 B1 20020213; ES 2172260 T3 20020916; PT 1040495 E 20020731; WO 9933079 A1 19990701

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**US 58196200 A 20000811**; AT 98966375 T 19981219; DE 19757026 A 19971220; DE 59803106 T 19981219; EP 9808340 W 19981219; EP 98966375 A 19981219; ES 98966375 T 19981219; PT 98966375 T 19981219