

Title (en)

A fuse arrangement

Title (de)

Sicherungsanordnung

Title (fr)

Agencement de fusibles

Publication

EP 0924735 A2 19990623 (EN)

Application

EP 98203980 A 19981125

Priority

GB 9726433 A 19971216

Abstract (en)

A fuse arrangement in an electrical system of an motor vehicle comprising an electrical conductor (12) connectable between a power supply (14) and an electrical load (16), the electrical conductor having a portion (18) with a predetermined melting point; a heating element (22) attached to the portion of the electrical conductor, the heating element being capable of reaching a temperature above the predetermined melting point; a switch (24) connected between the heating element and electrical ground, the switch normally being open; and switch control means (26) for closing the switch means and heating the heating element on receipt of a predetermined signal from a sensor (28). Provides protection for electrical loads on detection of an adverse condition by the sensor. <IMAGE>

IPC 1-7

H01H 85/11

IPC 8 full level

H01H 85/46 (2006.01); **H01H 61/02** (2006.01)

CPC (source: EP)

H01H 85/46 (2013.01); **H01H 61/02** (2013.01); **H01H 2085/466** (2013.01)

Cited by

CN100420116C; DE102006021256A1; US7777992B2; US7777438B2; US7630180B2; WO2004001925A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0924735 A2 19990623; **EP 0924735 A3 19991103**; GB 2332574 A 19990623; GB 2332574 B 20020612; GB 9726433 D0 19980211

DOCDB simple family (application)

EP 98203980 A 19981125; GB 9726433 A 19971216