

Title (en)

THERMAL FUSE FOR USE IN ELECTRIC MODULES

Title (de)

THERMOSICHERUNG FÜR DEN EINSATZ IN ELEKTRISCHEN MODULEN

Title (fr)

FUSIBLE THERMIQUE DESTINÉ À ÊTRE EMPLOYÉ DANS DES MODULES ÉLECTRIQUES

Publication

EP 2126948 A1 20091202 (DE)

Application

EP 08708253 A 20080128

Priority

- EP 2008050930 W 20080128
- DE 102007014339 A 20070326

Abstract (en)

[origin: WO2008116675A1] The invention relates to a thermal fuse, especially for use in an electric module in the automotive field, comprising a connecting element (4, 25), which is electrically and mechanically connected to multiple connector points in order to provide a permanent and electrically conductive connection, and an actuator (6) which is configured separately from the connecting element (4, 25) and triggers without absorbing electrical energy when an ambient temperature reaches a trigger temperature, thereby mechanically interrupting the electrical connection formed by the connecting element (4, 25).

IPC 8 full level

H01H 37/76 (2006.01)

CPC (source: EP US)

H01H 37/761 (2013.01 - EP US); **H01H 2037/762** (2013.01 - EP US)

Citation (search report)

See references of WO 2008116675A1

Citation (examination)

- DE 102005045778 A1 20070329 - BOSCH GMBH ROBERT [DE]
- WO 2007033863 A1 20070329 - BOSCH GMBH ROBERT [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007014339 A1 20081002; CN 101647080 A 20100210; EP 2126948 A1 20091202; JP 2010522418 A 20100701; US 2010073120 A1 20100325; WO 2008116675 A1 20081002

DOCDB simple family (application)

DE 102007014339 A 20070326; CN 200880009974 A 20080128; EP 08708253 A 20080128; EP 2008050930 W 20080128; JP 2010500153 A 20080128; US 53296208 A 20080128