

Title (en)

TRIGGERING DEVICE FOR A THERMAL FUSE

Title (de)

AUSLÖSEVORRICHTUNG FÜR EINE THERMOSICHERUNG

Title (fr)

DISPOSITIF DE DÉCLENCHEMENT POUR UN FUSIBLE THERMIQUE

Publication

**EP 2126949 B1 20160629 (DE)**

Application

**EP 08708551 A 20080201**

Priority

- EP 2008051241 W 20080201
- DE 102007014336 A 20070326

Abstract (en)

[origin: WO2008116680A1] The invention relates to a triggering device (1) for a thermal fuse, comprising an actuator (11), which is designed to trigger at a threshold temperature, and a conductive bridge element (6) that is attached and connected to multiple connector points (9) exclusively by means of detachable connecting elements (10) for current flow. According to the invention, the connecting elements (10) fully detach the bridge element (6) when a threshold temperature is reached or exceeded so that, in case the actuator (11) is triggered, the bridge element (6) is detached from the connecting elements (10) in order to interrupt the current flow.

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)

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 102007014336 A1 20081002; DE 102007014336 B4 20180906**; CN 101647082 A 20100210; CN 101647082 B 20130130; EP 2126949 A1 20091202; EP 2126949 B1 20160629; JP 2010522419 A 20100701; US 2010231347 A1 20100916; WO 2008116680 A1 20081002

DOCDB simple family (application)

**DE 102007014336 A 20070326**; CN 200880010028 A 20080201; EP 08708551 A 20080201; EP 2008051241 W 20080201; JP 2010500157 A 20080201; US 59310308 A 20080201