

Title (en)
THERMAL SAFETY DEVICE

Title (de)
WÄRMESICHERHEITSVORRICHTUNG

Title (fr)
DISPOSITIF DE SECURITE THERMIQUE

Publication
EP 2227818 B1 20140820 (FR)

Application
EP 09719749 A 20090106

Priority
• FR 2009000004 W 20090106
• FR 0800136 A 20080110

Abstract (en)
[origin: FR2926394A1] The device has a fuse link (20) with a metallic band having a contact zone (23) electrically connected a cold stud (8) on a substrate (2). The band has another contact zone (22) soldered with another cold stud (7) on the substrate. The fuse link has a lever (30) with a free end (36) that is not connected to the band. The lever generates the tilting moment of the contact zone (22) around a pivoting point arranged between the zones during the support on the end of the lever. The lever includes two arms laterally arranged to the band. The band and the lever are formed in a same metallic strip.

IPC 8 full level
H01H 37/76 (2006.01); **H01H 85/08** (2006.01); **H01H 85/20** (2006.01); **H01H 85/36** (2006.01); **H05K 3/34** (2006.01)

CPC (source: EP US)
H01H 37/761 (2013.01 - EP US); **H01H 85/20** (2013.01 - EP US); **H01H 85/36** (2013.01 - EP US); **H01H 2037/046** (2013.01 - EP US); **H01H 2037/763** (2013.01 - EP US); **H01H 2085/0275** (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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2926394 A1 20090717; **FR 2926394 B1 20100122**; CN 101911237 A 20101208; CN 101911237 B 20130320; EP 2227818 A2 20100915; EP 2227818 B1 20140820; US 2010277268 A1 20101104; WO 2009112658 A2 20090917; WO 2009112658 A3 20091105

DOCDB simple family (application)
FR 0800136 A 20080110; CN 200980101817 A 20090106; EP 09719749 A 20090106; FR 2009000004 W 20090106; US 81232809 A 20090106