

Title (en)
Thermal release device

Title (de)
Thermische Auslöseeinrichtung

Title (fr)
Dispositif de déclenchement thermique

Publication
EP 1037242 A3 20020410 (DE)

Application
EP 00104871 A 20000307

Priority
DE 19912124 A 19990318

Abstract (en)
[origin: EP1037242A2] The thermic release device has a thermomechanical transducer, e.g. a thermobimetallic element (11), attached to a wire filament electrical conductor (35) extending between a stationary terminal contact (20) and the stationary or movable contact piece (30) of a switch contact set, with respective welding points (27,28,29) for connecting the wire filament electrical conductor to the terminal contact, the thermobimetallic element and the contact piece.

IPC 1-7
H01H 71/16; **H01H 1/58**

IPC 8 full level
H01H 1/58 (2006.01); **H01H 71/16** (2006.01)

CPC (source: EP)
H01H 1/5822 (2013.01); **H01H 71/16** (2013.01); **H01H 71/164** (2013.01)

Citation (search report)

- [X] US 3708771 A 19730102 - READ L, et al
- [A] DE 3734396 A1 19890427 - ASEA BROWN BOVERI [DE]
- [A] DE 4445170 A1 19960627 - ABB PATENT GMBH [DE]
- [A] US 2043306 A 19360609 - JEROME SANDIN
- [E] DE 19838417 A1 20000309 - AEG NIEDERSPANNUNGSTECH GMBH [DE]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1037242 A2 20000920; **EP 1037242 A3 20020410**; **EP 1037242 B1 20090107**; AT E420450 T1 20090115; DE 19912124 A1 20000921; DE 19912124 B4 20071011; DE 50015508 D1 20090226; PL 339050 A1 20000925

DOCDB simple family (application)
EP 00104871 A 20000307; AT 00104871 T 20000307; DE 19912124 A 19990318; DE 50015508 T 20000307; PL 33905000 A 20000316