Title (en)

Electrical installation device with a thermally sensitive element in the disconnection chain

Title (de)

Elektrische Installationseinrichtung mit wärmeempfindlichem Element in einer Abschaltkette

Title (fr)

Equipement d'installation électrique avec un élément thermosensible dans la chaîne de déconnexion

Publication

EP 0978859 A3 20010328 (DE)

Application

EP 99114168 A 19990722

Priority

DE 19834973 A 19980803

Abstract (en)

[origin: EP0978859A2] The device has contacts or breaker contacts, a triggering device (3,4) with a heat sensitive element (5), a switching lock and/or a test or monitoring device and is protected against thermal overload by a heat sensitive element in a switch-off chain. During overload, a heat bridge (9) made of a good thermal conductor is directed from a region (2) of high heat generation towards the heat sensitive element (5) of the triggering device (4,5).

IPC 1-7

H01H 71/14; H01H 37/34

IPC 8 full level

H01H 37/34 (2006.01); **H01H 71/14** (2006.01)

CPC (source: EP)

H01H 37/34 (2013.01); **H01H 71/145** (2013.01); H01H 2061/0115 (2013.01)

Citation (search report)

- [Y] EP 0037490 A1 19811014 - BBC BROWN BOVERI & CIE [DE]
- [Y] CH 635709 A5 19830415 - LANDIS & GYR AG [CH]
- [A] DE 1928394 A1 19701210 - LICENTIA GMBH

Cited by

CN104332964A

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 0978859 A2 20000209; **EP 0978859 A3 20010328**; DE 19834973 A1 20000210

DOCDB simple family (application)

EP 99114168 A 19990722; DE 19834973 A 19980803