

Title (en)

Device for protecting a switchgear assembly against thermal overloading

Title (de)

Schutzeinrichtung gegen die thermische Überlastung einer Schaltanlage

Title (fr)

Dispositif pour protéger une installation de commutation contre une surcharge thermique

Publication

EP 0980086 B1 20070822 (DE)

Application

EP 99112165 A 19990624

Priority

DE 19836270 A 19980811

Abstract (en)

[origin: EP0980086A1] The protective or safety mechanism protects against thermal overload of the fuse chamber (1) of a switch system with a downstream transformer (15). A high voltage, high power fuse (11) is arranged in the fuse chamber, with a trigger (16-18) for switching a transformer switch (10). The high voltage fuse (11) is provided with a trigger such that at the latest when a permissible power consumption value of the fuse chamber is exceeded, it opens the transformer switch (10) by means of its release voltage.

IPC 8 full level

H01H 71/12 (2006.01); **H01H 85/46** (2006.01)

CPC (source: EP)

H01H 71/122 (2013.01); **H01H 85/46** (2013.01)

Cited by

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Designated contracting state (EPC)

AT BE ES FR IT

Designated extension state (EPC)

LV SI

DOCDB simple family (publication)

EP 0980086 A1 20000216; **EP 0980086 B1 20070822**; AT E371257 T1 20070915; DE 19836270 A1 20000217; DE 19836270 B4 20101125; ES 2291006 T3 20080216; SI 0980086 T1 20080229

DOCDB simple family (application)

EP 99112165 A 19990624; AT 99112165 T 19990624; DE 19836270 A 19980811; ES 99112165 T 19990624; SI 9930994 T 19990624