

Title (en)

POWER SUPPLY DEVICE FOR PROTECTIVE DEVICES FOR SWITCHGEAR

Title (de)

ENERGIEVERSORGUNGSEINRICHTUNG FÜR SCHUTZGERÄTE VON SCHALTANLAGEN

Title (fr)

DISPOSITIF D'ALIMENTATION EN ENERGIE POUR APPAREILS DE PROTECTION D'INSTALLATIONS DE COMMUTATION

Publication

EP 1116312 A1 20010718 (DE)

Application

EP 99955807 A 19990922

Priority

- DE 9903091 W 19990922
- DE 19845779 A 19980922

Abstract (en)

[origin: DE19845779A1] The switchgear includes a protective switching device containing a bidirectionally controllable thyristor circuit (TR) with a series-connected protective resistor (RV). The thyristor circuit is controllable by a shunt breaker (AL) which fuses when the holding current is exceeded. A series-connected control device (LR) interrupts the current after a charging capacitor in the protection device has charged. A bridge rectifier (BG) is bridged on the DC side by a high voltage capacitor (CH).

IPC 1-7

H02H 1/06

IPC 8 full level

H02H 1/06 (2006.01)

CPC (source: EP)

H02H 1/063 (2013.01)

Citation (search report)

See references of WO 0017981A1

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)

DE 19845779 A1 20000323; CN 1319269 A 20011024; EP 1116312 A1 20010718; WO 0017981 A1 20000330

DOCDB simple family (application)

DE 19845779 A 19980922; CN 99811234 A 19990922; DE 9903091 W 19990922; EP 99955807 A 19990922