

Title (en)

PARTITIONED UNINTERRUPTIBLE POWER SUPPLIES

Title (de)

GETEILTE UNTERBRECHUNGSFREIE STROMVERSORGUNGEN

Title (fr)

ALIMENTATIONS EN ELECTRICITE SUBDIVISEES ET SANS COUPURE

Publication

EP 0804826 A1 19971105 (EN)

Application

EP 96900127 A 19960110

Priority

- GB 9600032 W 19960110
- GB 9500968 A 19950118

Abstract (en)

[origin: WO9622626A1] An uninterruptible power supply has a power supply housing (11) containing an input for receiving AC utility power, and an AC to DC converter (2) and a switching means (4) for supplying a chopped DC signal to a primary winding (5) of a transformer (6). A pair of secondary windings (7, 8) supply DC power to a pair of regulated DC outputs. The housing (11) also contains a high power FET switch (12) which is connected between one of the secondary windings (6, 7) and a terminal of a connector provided in a wall of the housing (11). An external control module (10) is arranged to be coupled to the connector to complete an auxiliary power supply circuit. When the AC utility power fails, power is coupled from a rechargeable battery, through the control module (10) and the FET switch (12), to the regulated DC outputs of the supply.

IPC 1-7

H02J 9/06

IPC 8 full level

H02J 9/06 (2006.01)

CPC (source: EP)

H02J 9/062 (2013.01)

Citation (search report)

See references of WO 9622626A1

Designated contracting state (EPC)

DK FR GB IE IT NL SE

DOCDB simple family (publication)

WO 9622626 A1 19960725; AU 4351696 A 19960807; EP 0804826 A1 19971105; FI 973035 A0 19970717; FI 973035 A 19970916; GB 9500968 D0 19950308; TW 274650 B 19960421

DOCDB simple family (application)

GB 9600032 W 19960110; AU 4351696 A 19960110; EP 96900127 A 19960110; FI 973035 A 19970717; GB 9500968 A 19950118; TW 84102653 A 19950318