

Title (en)
DEVICE FOR DISTRIBUTING ENERGY BETWEEN A PLURALITY OF ELECTRONIC MODULES WITH POSSIBILITY OF SHEDDING

Title (de)
VORRICHTUNG ZUR UMVERTEILUNG ELEKTRISCHER ENERGIE ZWISCHEN EINER VIELZAHL ELEKTRONISCHER MODULE MIT ABSCHALTUNGSMÖGLICHKEIT

Title (fr)
DISPOSITIF DE REPARTITION D'ENERGIE ELECTRIQUE ENTRE UNE PLURALITE DE MODULES ELECTRONIQUES AVEC POSSIBILITE DE DELESTAGE

Publication
EP 1095438 A1 20010502 (FR)

Application
EP 00925359 A 20000428

Priority
• FR 0001163 W 20000428
• FR 9905654 A 19990504

Abstract (en)
[origin: US6472774B1] This device allows secure electrical supply of several electronic modules able to be brought together in the same electronic rack and having several levels of criticality. It includes an electrical supply line (13) attached on the one hand to at least one electrical energy distribution network (20) and on the other hand to the various electronic modules (M1, M2, . . . Mn) by way of breaker relays (I1, I2, . . . , In) and means for managing the load sheddings instigating the commands for opening and closing the breaker relays (I1, I2, . . . , In) as a function of the load shedding control signals received. The means for managing the load sheddings are composed of a network partitioning load shedding commands (21) attached to the controls of the breaker relays (I1, I2, . . . , In) by way of diode-type switches (S1, S2, . . . , Sn) and of a system of straps (22, 220) guaranteeing them great ability of adaptation to the changes of configuration of the equipment of the rack.

IPC 1-7
H02J 1/14; **H02J 3/14**; **H02J 4/00**

IPC 8 full level
H02J 1/14 (2006.01); **H02J 3/14** (2006.01); **H02J 4/00** (2006.01)

CPC (source: EP US)
H02J 1/14 (2013.01 - EP US); **H02J 3/14** (2013.01 - EP US); **H02J 4/00** (2013.01 - EP US); **H02J 2310/44** (2020.01 - EP US)

Citation (search report)
See references of WO 0067357A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
US 6472774 B1 20021029; CA 2335934 A1 20001109; EP 1095438 A1 20010502; FR 2793356 A1 20001110; FR 2793356 B1 20010810; IL 140577 A0 20020210; WO 0067357 A1 20001109

DOCDB simple family (application)
US 72024301 A 20010104; CA 2335934 A 20000428; EP 00925359 A 20000428; FR 0001163 W 20000428; FR 9905654 A 19990504; IL 14057700 A 20000428