

Title (en)

SYSTEM COMPRISING HOT INSERTABLE/REMOVABLE FUNCTION UNITS

Title (de)

SYSTEM MIT FUNKTIONSEINHEITEN ZUM HEISSEN EINSTECKEN UND HERAUSZIEHEN

Title (fr)

SYSTEME COMPORTANT DES UNITES FONCTIONNELLES ENFICHABLES OU DESENFICHABLE "A CHAUD"

Publication

EP 0974180 A1 20000126 (EN)

Application

EP 99900605 A 19990128

Priority

- EP 99900605 A 19990128
- EP 98200356 A 19980206
- IB 9900160 W 19990128

Abstract (en)

[origin: WO9940665A1] In a system comprising a cabinet (2) functional units (6) have to be inserted without switching off the power supply (4). Without precautions damage to the functional unit can arise by the hot insertion. One potential cause of damage is that the voltage on terminal D' which should be -48 Volt becomes higher than the voltage on terminal C' which should be -5 Volt. This can occur due to transient phenomena when hot-inserting the functional unit. To prevent this, a diode (11) is connected between the terminal D' and C'. In an embodiment of the invention, the SLIC (12) is connected to the terminal D' via a diode (10) to prevent that a high current can flow from terminal D', via the diode (11) to terminal C'.

IPC 1-7

H02H 3/18; **H02H 9/04**

IPC 8 full level

H02H 3/18 (2006.01); **H02H 9/00** (2006.01); **H02H 9/04** (2006.01); **H02J 1/00** (2006.01)

CPC (source: EP)

H02H 9/004 (2013.01)

Citation (search report)

See references of WO 9940665A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9940665 A1 19990812; EP 0974180 A1 20000126; JP 2001520000 A 20011023

DOCDB simple family (application)

IB 9900160 W 19990128; EP 99900605 A 19990128; JP 54018399 A 19990128