Title (en)

DEVICE FOR THE CONNECTION OF CABLES TO THE TERMINALS OF PRINTED CIRCUIT BOARDS

Publication

EP 0130531 B1 19870916 (DE)

Application

EP 84107320 A 19840622

Priority

DE 3323029 A 19830625

Abstract (en)

[origin: ES8503467A1] In order to connect cables to printed circuit boards disposed in an equipment housing, the back ends of the printed circuit boards are equipped with female multi-point connectors. The female multi-point connectors are inserted into male multi-point connectors which are fastened to the front side of a rear wall panel extending transversely to the printed wiring boards. The male multi-point connectors have straight pins which extend through holes in the rear wall panel and project beyond the back side of the rear wall panel. Guide frames for female multi-point connectors are mounted on the back side of the rear wall panel and surround rows of projecting pins. The female multi-point connectors are connected to cables and inserted into the guide frames, thereby electrically connecting the cables to the printed circuit boards. If desired, male multi-point connectors may be fastened to the front ends of the printed circuit boards, and these male multi-point connectors are enclosed by guide frames whose dimensions are matched to the dimensions of the front plates which would otherwise be attached to the printed circuit boards. The printed circuit boards can then be mounted within the equipment housing via the guide frames.

IPC 1-7

H01R 23/68; H01R 23/70

IPC 8 full level

H01R 12/50 (2011.01); H01R 4/02 (2006.01); H01R 4/24 (2006.01); H01R 13/506 (2006.01); H01R 13/516 (2006.01)

CPC (source: EP US)

H01R 12/00 (2013.01 - US); **H01R 12/716** (2013.01 - EP); **H01R 12/75** (2013.01 - EP); H01R 4/02 (2013.01 - EP US); H01R 4/242 (2013.01 - EP US); H01R 13/506 (2013.01 - EP US); H01R 13/516 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0130531 A2 19850109; **EP 0130531 A3 19851002**; **EP 0130531 B1 19870916**; AT E29806 T1 19871015; CA 1213677 A 19861104; DE 3323029 A1 19850103; DE 3323029 C2 19890524; DE 3466329 D1 19871022; ES 533643 A0 19850301; ES 8503467 A1 19850301; FI 75077 B 19871231; FI 75077 C 19880411; FI 842212 A0 19840601; FI 842212 A 19841226; US 4557541 A 19851210

DOCDB simple family (application)

EP 84107320 A 19840622; AT 84107320 T 19840622; CA 457189 A 19840622; DE 3323029 A 19830625; DE 3466329 T 19840622; ES 533643 A 19840622; FI 842212 A 19840601; US 62343184 A 19840622