

Title (en)

Modular device for the distribution of electrical energy.

Title (de)

Verteilungsanordnung für elektrische Energie.

Title (fr)

Dispositif modulaire de distribution d'énergie électrique.

Publication

**EP 0185563 A1 19860625 (FR)**

Application

**EP 85402190 A 19851113**

Priority

FR 8417369 A 19841114

Abstract (en)

1. Device for distributing electrical energy which permits the arrangement on a common support of a plurality of means for electrical connection of the type having a profile of rectangular section in the interior of which are arranged conductive strips (106) adapted to be connected by contact plugs and above which are placed standard connecting elements (D), the said device comprising an assembly of four elements : a support (A) bearing the said conductive strips between pairs of longitudinal parallel ribs (101, 102), the said ribs (101, 102) having bosses (103, 104) at regular intervals defining cylindrical seats for the connection points ; an insulating bridge (B) covering the said support (A) ; an earth conductive strip (C) placed on the said bridge (B) ; an at least one standard connection base (D) ; this assembly of the said four elements (A, B, C, D) being fitted by sliding into the interior of the profiled section in which it is held by geometric closure, characterised in that each conductive strip (106) is placed flat and at the base of the channel defined by a pair of ribs (101, 102), and the hollow, cylindrical metal studs (105) which are fixed to the said conductive strips (106) and form the said connection points fit into the said cylindrical seats.

Abstract (fr)

Dispositif de distribution électrique du type un profilé de section rectangulaire dans lequel on enfile un empilage de quatre éléments à savoir: un support (A) de lames conductrices; un pontet (B); une lame conductrice de terre (C) et un socle normalisé (D), caractérisé par le fait que le support (A) porte deux lames conductrices (6) posées à plat sur le support, entre deux paires de nervures (1, 2) longitudinales, parallèles, lesdites nervures (1, 2) comportant à intervalles réguliers des bossages (3, 4) définissant des logements dans lesquels viennent s'encastrent des plots (5) cylindriques, creux, fixés auxdites lames conductrices (6).

IPC 1-7

**H01R 25/00**

IPC 8 full level

**H01R 25/00** (2006.01); **H01R 13/18** (2006.01)

CPC (source: EP)

**H01R 25/006** (2013.01); **H01R 13/18** (2013.01)

Citation (search report)

- [YD] EP 0109876 A1 19840530 - PROFESSIONAL GENERAL ELECT [FR]
- [Y] FR 1010446 A 19520611
- [A] CH 253809 A 19480331 - GANDRIAUT LUCIEN [FR], et al
- [A] GB 262907 A 19261223 - ROBERT FRANKLIN BAERMAN
- [A] FR 1412563 A 19651001 - CIE GENERALE ENTPR ELEC
- [A] US 2143131 A 19390110 - PILTZ HENRY E
- [A] DE 3023341 A1 19820114 - DAIMLER BENZ AG [DE]
- [A] US 1481278 A 19240122 - WOOD FRANK W
- [A] US 1965181 A 19340703 - GERLACH CARL A, et al

Cited by

FR2638313A1; US10524377B2; US11109504B2

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

**EP 0185563 A1 19860625**; **EP 0185563 B1 19900131**; AT E50089 T1 19900215; DE 3575820 D1 19900308; FR 2573274 A2 19860516; FR 2573274 B2 19870123

DOCDB simple family (application)

**EP 85402190 A 19851113**; AT 85402190 T 19851113; DE 3575820 T 19851113; FR 8417369 A 19841114