Title (en)

Cross connector.

Title (de)

Querverbinder.

Title (fr)

Connecteur transversal.

Publication

EP 0080612 A2 19830608 (DE)

Application

EP 82110245 A 19821106

Priority

DE 3146913 A 19811126

Abstract (en)

[origin: ES275644U] A connector for electrically connecting a row of electrical clamps with one another includes an electrically conductive connecting strip which is designed to span the clamps and to define gaps with the electrical contacts of the clamps. The connecting strip is of one piece with a plurality of bridging members which are designed to bridge the gaps between the connecting strip and the contacts of the clamps. The bridging members are L-shaped and include long legs which project from the connecting strip and short legs which extend from the long legs and are arranged to engage the contacts of the clamps. The short legs have openings which receive screws for connecting the short legs with the contacts. The heads of the screws are embraced by retaining sleeves which prevent displacement or loss of the screws. The retaining sleeves have openings to permit insertion of a screwdriver for tightening and loosening the screws. The diameters of these openings are smaller than the diameters of the heads of the screws. The retaining sleeves are of one piece with an insulating jacket which surrounds the connecting strip. The connector is simple to manufacture and assemble.

Abstract (de)

Der Querverbinder hat einen Verbindungssteg in Form einer schmalen metallischen Griffleiste 1, an deren Unterseite über Sollbruchstellen 2 L-förmige Laschen 3 als Distanzstücke angeordnet sind. In den unten liegenden kurzen Querschenkeln 4 der Laschen 3 befinden sich die Schrauben 6. Da die Laschen 3 bei auf eine Reihenklemmenanordnung aufgesetztem Querverbinder dicht über den Stromschienen der Reihenklemmen liegen, können kurze Schrauben benutzt werden. Die Schrauben 6 sind durch sie von oben übergreifende, mit einer Schraubendreheröffnung 12 versehene Halter 8 unverlierbar gehalten. Die Halter 8 sind oberseitig untereinander mit einer ihnen gemeinsamen Verbindungsleiste 9 verbunden, die zugleich als isolierende Hülle ausgebildet ist und die Griffleiste 1 umschließt.

IPC 1-7

H01R 4/30

IPC 8 full level

H01R 4/30 (2006.01); **H01R 4/34** (2006.01); **H01R 9/00** (2006.01); **H01R 9/22** (2006.01); H01R 9/26 (2006.01)

CPC (source: EP US)

H01R 4/30 (2013.01 - EP US); **H01R 4/301** (2013.01 - EP US); H01R 9/26 (2013.01 - EP US); H01R 9/2675 (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0080612 A2 19830608; **EP 0080612 A3 19850515**; **EP 0080612 B1 19860820**; AT E21584 T1 19860915; AU 9069382 A 19830602; CA 1186761 A 19850507; DE 3146913 A1 19830601; DE 3146913 C2 19831006; DE 3272760 D1 19860925; ES 275644 U 19840301; ES 275644 Y 19841001; JP S5897274 A 19830609; JP S6014468 B2 19850413; US 4529256 A 19850716; ZA 828684 B 19830928

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