

Title (en)

Connector, particularly but not exclusively for application to printed circuits

Title (de)

Verbinder, insbesondere aber nicht ausschliesslich zur Anwendung für Leiterplatten

Title (fr)

Connecteur, en particulier mais pas exclusivement pour l'application dans des panneaux à circuit imprimé

Publication

**EP 1519447 A1 20050330 (EN)**

Application

**EP 04019994 A 20040823**

Priority

IT PD20030075 U 20030905

Abstract (en)

A connector, useful particularly but not exclusively in application to printed circuits to be coated with a protective coating. The connector (10) comprises a box-like shell (11), which forms internally at least one receptacle (12) for a corresponding electrical terminal (13) that can be inserted in the box-like shell (11) so that an electrical contact tip (14) protrudes from the bottom wall (18) of the shell (11). The at least one receptacle (12) is closed at the bottom wall (18) and has, on the bottom wall (18), a thinner portion (20) that is suitable to be pierced by the electrical contact tip (14) during the assembly of the terminal (13) with the box-like shell (11). The electrical contact tip (14), during insertion in the connector (10), tears the thinner portion (20) with dimensions that are substantially equal to its own dimensions, forming in practice an opening that is shaped complementary to its own shape, without forming in practice any gap between the inside and the outside of the shell (11); accordingly, the protective coating finds no access to the inside of the connector (10). <IMAGE>

IPC 1-7

**H01R 12/00**

IPC 8 full level

**H01R 12/00** (2006.01); **H01R 12/71** (2011.01)

CPC (source: EP)

**H01R 12/712** (2013.01)

Citation (search report)

- [X] EP 0749142 A2 19961218 - EMERSON ELECTRIC CO [US]
- [X] US 4629269 A 19861216 - KAILUS WILLIAM A [US]
- [A] EP 0866521 A1 19980923 - AIR LB INTERNATIONAL [FR]

Designated contracting state (EPC)

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