

Title (en)

Housing for accomodating a printed circuit board comprising electric terminals and an insulation penetrating device

Title (de)

Gehäuse zur Aufnahme einer Leiterplatte mit einer elektrischen Anschlusszone und mit einer Schneid-Klemm-Vorrichtung

Title (fr)

Réceptacle pour plaque à circuits imprimés avec des bornes électriques et dispositif de connexion auto dénudant

Publication

EP 0895309 A3 20000412 (DE)

Application

EP 98112535 A 19980707

Priority

DE 19733202 A 19970801

Abstract (en)

[origin: EP0895309A2] The casing (1) has an electrical contact zone (3) and a cut-and-clamp device (4), to connect an insulated cable (5) to the casing. The cut-and-clamp device has metal cutters (4.2) arranged on a base (4.3) to cut through the insulation (5.2) of the cable and simultaneously clamp the cable to form an electrical connection. The cut-and-clamp device is arranged outside the casing, so that the underside of the base of the cut-and-clamp device lies on the outer surface of the casing outer side (1.2). An electrically conducting contact pin (4.4) is provided on the base, which passes through the casing to the inside (1.1) of the casing. The contact pin is connected to the circuit board on the inside of the casing.

IPC 1-7

H01R 9/09; **H01R 4/24**

IPC 8 full level

H01R 4/24 (2006.01); **H01R 12/12** (2006.01); **H01R 12/32** (2006.01); **H01R 12/34** (2006.01); **H01R 12/55** (2011.01); **H01R 12/58** (2011.01); **H01R 12/62** (2011.01); **H05K 5/06** (2006.01); **H01R 13/506** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)

H01R 4/2433 (2013.01); **H01R 12/515** (2013.01); **H01R 13/506** (2013.01); **H01R 13/52** (2013.01)

Citation (search report)

- [Y] US 3634599 A 19720111 - KIEWER DONALD L
- [Y] GB 2197548 A 19880518 - AMP INC
- [A] EP 0631344 A2 19941228 - WHITAKER CORP [US]

Cited by

US8758041B2

Designated contracting state (EPC)

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EP 0895309 A2 19990203; **EP 0895309 A3 20000412**; **EP 0895309 B1 20040512**; DE 19733202 C1 19990408; DE 59811362 D1 20040617

DOCDB simple family (application)

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