

Title (en)

Spring connector for an electrical conductor having abutment ribs

Title (de)

Zugfederanschluss für elektrische Leiter mit Anschlagrippen

Title (fr)

Connecteur à ressort pour conducteur électrique ayant des nervures de butée

Publication

**EP 0806812 A3 19980930 (DE)**

Application

**EP 97106686 A 19970423**

Priority

DE 29608176 U 19960506

Abstract (en)

[origin: EP0806812A2] An electrical equipment housing has a built-in power carrying rail (11) and adjacent to this is a metal spring clamp (1) that is formed with a loop shape from strip material. Formed within the housing recess is a reaction block (3) and the spring locates over this. One arm of the spring (18) engages the power rail and the other has an aperture (10). When a tool is inserted from the side (13) m the spring compresses and the aperture becomes aligned with a point of insertion (14) for an external conductor or wire. When the compressive force is released the wire is securely clamped.

IPC 1-7

**H01R 9/24**; **H01R 4/48**

IPC 8 full level

**H01R 4/48** (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP)

**H01R 4/4816** (2023.08); **H01R 4/4844** (2023.08)

Citation (search report)

- [A] DE 4413611 A1 19951026 - THOMAS & BETTS GMBH [DE]
- [A] EP 0632529 A2 19950104 - WHITAKER CORP [US]
- [A] DE 4319018 C1 19940630 - KOSTAL LEOPOLD GMBH & CO KG [DE]

Cited by

DE10214919A1; DE10214919B4; DE202013105944U1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0806812 A2 19971112**; **EP 0806812 A3 19980930**; **EP 0806812 B1 20011004**; AT E206562 T1 20011015; DE 29608176 U1 19960725; DE 59704748 D1 20011108; ES 2163059 T3 20020116

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