

Title (en)

Clamping device

Title (de)

Steckklemme

Title (fr)

Dispositif de serrage

Publication

EP 0704932 A3 19961106 (DE)

Application

EP 95114183 A 19950909

Priority

DE 4434391 A 19940927

Abstract (en)

[origin: EP0704932A2] A number of connectors are arranged in line within a single block and are used with electrical wires. Each connector has a guide bush (10) that is used to receive the wire inserted (4) from the end. The bush tapers down to a smaller cross section (12) that leads to the wire clamping position (21). Positioned directly in front of the guide bush is a formed rigid metal plate (9) and this is securely located against the housing. The top end of the plate is shaped to receive and retain the end section of a leaf spring plate (9) that is used to clamp the end of an inserted wire. The wire deflects the spring plate and is securely gripped against the rigid plate.

IPC 1-7

H01R 4/48

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/4821 (2023.08 - EP US); **H01R 4/4846** (2023.08 - EP US)

Citation (search report)

- [XA] GB 751675 A 19560704 - ARROW ELECTRIC SWITCHES LTD
- [XA] DE 7511815 U 19751002
- [AD] US 3945711 A 19760323 - HOHORST WOLFGANG, et al
- [A] FR 2391632 A7 19781215 - BURNDY CORP [US]
- [AD] EP 0037758 A1 19811014 - LEGRAND SA [FR]

Cited by

EP1217692A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI NL PT SE

DOCDB simple family (publication)

DE 4434391 A1 19960328; EP 0704932 A2 19960403; EP 0704932 A3 19961106

DOCDB simple family (application)

DE 4434391 A 19940927; EP 95114183 A 19950909