

Title (en)

ELECTRICAL PLUG HOUSING WITH MEANS OF ALIGNMENT FOR THE INSERTION OF A TERMINAL IN A TERMINAL ACCOMMODATING CHAMBER

Publication

EP 0511510 A3 19930224 (DE)

Application

EP 92105653 A 19920402

Priority

DE 9105277 U 19910429

Abstract (en)

[origin: EP0511510A2] Electrical plug housing having an alignment device for a crimped electrical contact element which can be inserted into a contact chamber with a sealing chamber arranged in front of it and has a sealing plug, the sealing chamber having a round cross-section and the contact chamber having a rectangular cross-section, and the contact element ending at the front end in two edges which are aligned parallel to one another, the alignment device (14) consisting of: (a) an initial alignment device, which is arranged in front in the plug axis direction, in the form of two cross-sectional constrictions (17) which are arranged radially opposite in pairs in the sealing chamber (10), have a cross-section in the form of circular segments and are in each case provided with an insertion incline (16); and (b) two cross-sectional constrictions (18) which are opposite one another in pairs in the sealing chamber (10) and have insertion inclines (19) arranged after the initial alignment device in the plug axis direction, likewise have a cross-section in the form of circular segments, and are arranged on the circumference of the wall of the sealing chamber (10), offset through 90 DEG with respect to the cross-sectional constrictions (17). <IMAGE>

IPC 1-7

H01R 13/42

IPC 8 full level

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CPC (source: EP US)

H01R 13/42 (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US); **H01R 43/20** (2013.01 - EP US); **H01R 13/62** (2013.01 - EP US)

Citation (search report)

- [A] EP 0389955 A2 19901003 - YAZAKI CORP [JP], et al
- [A] EP 0306635 A2 19890315 - SUMITOMO WIRING SYSTEMS [JP]

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GB2262394B; EP0599329A3

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EP 0511510 A2 19921104; **EP 0511510 A3 19930224**; **EP 0511510 B1 19941012**; DE 59200617 D1 19941117; DE 9105277 U1 19920827; JP H05152024 A 19930618; US 5199901 A 19930406

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