

Title (en)

Method of manufacturing socket members for electrical connectors.

Title (de)

Verfahren zur Herstellung von Buchsenkontakten für elektrische Verbinder.

Title (fr)

Méthode pour la fabrication des douilles pour connecteurs électriques.

Publication

EP 0002083 A1 19790530 (EN)

Application

EP 78200289 A 19781106

Priority

US 85062977 A 19771111

Abstract (en)

In a socket member (20) for electrical connectors, the mutually inclined tines (22, 23) are separated by slots (24) which, from the tine root region (24) toward the socket aperture, are limited by parallel edges of the tines (22, 23) over a first partial length, and by divergent edges of the tines (22, 23) over the remaining length. In the method of manufacturing the socket member (20), the mutual inclination of the tines (22, 23) is produced by forming a tube to have a conical taper over a length at least equal to the length (D) of the tines, and then slotting the tube. The starting material is a tube an end portion of which is formed into the conical shape by drawing prior to the slotting operation. Thus, at the roots (19) of the tines at rest, the socket body is not subjected to any stress (tensile deformation on the outside, compressive deformation on the inside), which otherwise would be caused by the subsequent bending operation.

IPC 1-7

H01R 13/12; **H01R 43/00**

IPC 8 full level

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CPC (source: EP)

H01R 13/111 (2013.01); **H01R 43/16** (2013.01)

Citation (search report)

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EP 0002083 A1 19790530; **EP 0002083 B1 19810812**; AU 4115278 A 19800508; AU 4115378 A 19800508; AU 518657 B2 19811015; AU 526336 B2 19830106; BR 7807422 A 19790717; CA 1113168 A 19811124; DE 2860956 D1 19811112; ES 250082 U 19800701; ES 250082 Y 19810101; ES 477642 A1 19791016; IT 1192285 B 19880331; IT 7829574 A0 19781108; JP S5476994 A 19790620

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