

Title (en)

ELECTRICAL CONNECTOR FOR PRINTED CIRCUIT BOARDS

Publication

EP 0290827 A3 19900509 (DE)

Application

EP 88106310 A 19880420

Priority

- DE 3715893 A 19870513
- DE 3723347 A 19870715

Abstract (en)

[origin: EP0290827A2] In order to mount an electrical plug connector on printed-circuit boards, it is proposed to insert mounting parts, having tubular, metallic pegs in lateral supporting and mounting flanges, in cut-outs in the flanges. On insertion of the plug connector into the printed-circuit board, the pegs fit into correspondingly arranged and dimensioned holes. It is provided that the pegs inherently produce a clamping mounting of the plug connector onto the printed-circuit board and that the final mounting of the plug connector takes place by soldering the peg to the printed-circuit board metallisation. A further configuration provides that the pegs have a first, tubular region on which spring tongues are formed. The spring tongues are provided with a bend so that latching shoulders are formed which, on insertion of the pegs into a printed-circuit board hole, latch behind the underside of the printed-circuit board. In a further embodiment of the mounting device, it is proposed that the mounting parts be provided with a contact strap which are electrically conductively connected to a possibly provided metallic housing of the plug connector. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] DE 8436267 U1 19850314
- [A] GB 2151417 A 19850717 - KITAGAWA IND CO LTD
- [A] DE 1157683 C

Cited by

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