

Title (en)

Pin-socket unit.

Title (de)

Kontaktstift-Kontaktfederbuchsen-Baueinheit.

Title (fr)

Unité de broche et douille de contact.

Publication

EP 0471971 B1 19950329 (DE)

Application

EP 91111512 A 19910710

Priority

DE 4024456 A 19900801

Abstract (en)

[origin: EP0471971A1] The pin-socket unit has a pin (3) having two limbs (5) which are approximately parallel to one another, bound an elongated hole (4) formed by stamping out, are sprung towards one another, and are used for pressing into an opening in a printed-circuit board. A shoulder (used to bound the insertion path) of a supporting part (8) is allocated to said limbs. The socket (2) comprises a multiplicity of contact springs (9) which extend approximately, originating in the region of the shoulders, at a distance from the socket axis, to the region of the front pin insertion opening (13). They are at their minimum distance from the socket axis approximately in their central region. Particularly economical production is enabled in that the pin (3) is constructed as a stamped part which is independent of the supporting part (8) having the shoulders which are used for bounding the insertion part, and can be connected to the shoulders via a clamping connecting element (6, 7). In an analogous manner to the pin (3) the pin end (6) comprises two latching limbs (21), in a particularly favourable manner, which bound a clamping elongated hole (20) formed by stamping out, are sprung towards one another and can be inserted into the clamping hole (7). <IMAGE>

IPC 1-7

H01R 13/187

IPC 8 full level

H01R 13/187 (2006.01)

CPC (source: EP US)

H01R 13/187 (2013.01 - EP US); **H01R 12/585** (2013.01 - EP US); **H01R 13/111** (2013.01 - EP US)

Cited by

WO9409532A1; WO0108267A1

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0471971 A1 19920226; EP 0471971 B1 19950329; AT E120583 T1 19950415; DE 4024456 A1 19920206; DE 59105038 D1 19950504; US 5106328 A 19920421

DOCDB simple family (application)

EP 91111512 A 19910710; AT 91111512 T 19910710; DE 4024456 A 19900801; DE 59105038 T 19910710; US 73929291 A 19910801