

Title (en)

PROCESS AND DEVICE FOR CARRYING OUT OF DOUBLE CRIMPING ON ELECTRICAL CONNECTORS

Publication

EP 0363765 A3 19910102 (DE)

Application

EP 89118151 A 19890930

Priority

- DE 3834455 A 19881010
- DE 3908867 A 19890317
- DE 8812711 U 19881010

Abstract (en)

[origin: US5018270A] The invention relates to a process and to an apparatus for assembling an electrical connector onto two electric wires. The electrical connector is formed from a sheet metal stamping part, having a contact portion and a claw portion, the claw portion having insulation and strand claws, in which two electric lines are each insulated in an end portions, the end portion being arranged adjacent to one another so that the end portions are crimped in the insulation and strand claws. The connectors are arranged in the form of a band in which the connectors are connected together by stamping strips, and the lines are fed adjacent to one another to a crimping tool. The first connector of the band to be crimped and the ends of the lines are positioned under the crimping tool, thereupon-simultaneously during the crimping process-the crimped connector is separated from the band, and the claws of the following connector in the band are opened up.

IPC 1-7

H01R 43/048; **H01R 43/058**

IPC 8 full level

H01R 43/048 (2006.01); **H01R 43/052** (2006.01); **H01R 43/055** (2006.01)

CPC (source: EP US)

H01R 43/048 (2013.01 - EP US); **H01R 43/055** (2013.01 - EP US); **H01R 43/052** (2013.01 - EP US); **Y10T 29/49185** (2015.01 - EP US); **Y10T 29/53213** (2015.01 - EP US); **Y10T 29/53217** (2015.01 - EP US); **Y10T 29/53235** (2015.01 - EP US)

Citation (search report)

- [A] US 2684421 A 19540720 - HIPPLE ROY P
- [A] US 3650706 A 19720321 - PARSONS STUART L
- [A] DE 2612756 A1 19761007 - GEN STAPLE CO

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

US 5018270 A 19910528; DE 3908867 A1 19900412; DE 3908867 C2 19920514; DE 8812711 U1 19900208; EP 0363765 A2 19900418; EP 0363765 A3 19910102; ES 2016778 A4 19901201; JP H02244581 A 19900928

DOCDB simple family (application)

US 41751589 A 19891005; DE 3908867 A 19890317; DE 8812711 U 19881010; EP 89118151 A 19890930; ES 89118151 T 19890930; JP 27053689 A 19891011