

Title (en)

Device for connecting a wire to a plug, contact element or the like

Title (de)

Vorrichtung zum Verbinden eines Drahtes mit einem Stecker, Kontaktelement od.dgl.

Title (fr)

Dispositif pour connecter un fil avec un fiche, élément de contact ou similaire

Publication

EP 0542144 B1 19970521 (DE)

Application

EP 92119020 A 19921106

Priority

DE 4137163 A 19911112

Abstract (en)

[origin: EP0542144A2] In the case of a device for connecting a wire to a contact element or the like by deforming clamping devices by means of pressure elements of a crimping tool which is arranged in a replaceable manner in a press, an adjusting disc (14) on the clamping device side is allocated, such that it can rotate coaxially, for refining the height adjustment capability of a further adjusting disc (13) (which can rotate about the axis (A) of a locking bolt (16) or such like holding device pointing in the pressing direction (x) and is provided on the pressing device side), both adjusting discs in each case being provided with at least one annular surface (108) which rises like a spiral in the pressing direction (x). Each of the annular surfaces (108) has a radial step edge (110) as a boundary between the start and the end of the rise. In addition, the heights of the step edges are intended to be identical. <IMAGE>

IPC 1-7

H01R 43/048

IPC 8 full level

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

CPC (source: EP US)

H01R 43/0488 (2013.01 - EP US); **H01R 43/055** (2013.01 - EP US); **Y10T 29/53235** (2015.01 - EP US)

Cited by

DE10316187B3; DE10041237A1; DE10041237B4; DE10343864A1; DE10343864B4; EP1223646A3; DE10041225A1; DE10041225C2; EP1467449A1; WO9528754A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0542144 A2 19930519; **EP 0542144 A3 19931208**; **EP 0542144 B1 19970521**; AT E153481 T1 19970615; DE 4137163 A1 19930513; DE 59208515 C5 20091224; DE 59208515 D1 19970626; ES 2103866 T3 19971001; US 5289713 A 19940301

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EP 92119020 A 19921106; AT 92119020 T 19921106; DE 4137163 A 19911112; DE 59208515 T 19921106; ES 92119020 T 19921106; US 96361692 A 19921020