

Title (en)
Pliers for crimping wire end ferrules.

Title (de)
Crimpzange zum Verpressen von Aderendhülsen.

Title (fr)
Pince pour sertir des embouts.

Publication
EP 0471977 B1 19950607 (DE)

Application
EP 91111766 A 19910715

Priority
DE 4026332 A 19900821

Abstract (en)
[origin: EP0471977A2] Pliers for crimping wire end ferrules have two jaws (1, 2) which are supported in a flexible pivoting bearing and can be pivoted with respect to the pivoting bearing via a drive (8). The drive engages on the one ends of the jaws (1, 2) and the other ends of the jaws (1, 2) each support a crimping jaw (19, 20), which crimping jaws form a single crimping point (16) intended for covering a cross-sectional region in a universal manner. The pivoting bearing (5, 6, 7, 26, 27) has a deflection spring (26, 27) for the flexibility of the jaws (1, 2) which is required for crimping relatively large cross-sections. A bridge (23) is provided, which bridges over the two jaws (1, 2) and is arranged at least in the vicinity of the pivoting bearing (5, 6, 7, 26, 27) of the jaws (1, 2). The deflecting spring (26, 27) is supported on one hand on at least one of the jaws and on the other hand on the bridge (23). <IMAGE>

IPC 1-7
H01R 43/042

IPC 8 full level
B25B 7/06 (2006.01); **B25B 7/10** (2006.01); **B25B 7/12** (2006.01); **B25B 27/14** (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP)
B25B 7/06 (2013.01); **B25B 7/10** (2013.01); **B25B 7/12** (2013.01); **B25B 27/146** (2013.01); **H01R 43/042** (2013.01)

Cited by
CN106785783A; EP2930797A1; FR2777819A1; US5625942A; US10958030B2; US12015233B2; US11605928B2; US8230715B2; US8490525B2; US11462874B2; JP2021504902A; WO9642127A1; US8516872B2; US9853409B2; US8752282B2; US9864948B2; US11682875B2; US8113031B2; US11346732B2

Designated contracting state (EPC)
DE GB SE

DOCDB simple family (publication)
EP 0471977 A2 19920226; **EP 0471977 A3 19921021**; **EP 0471977 B1 19950607**; DE 4026332 A1 19920227; DE 4026332 C2 19920709; DE 59105651 D1 19950713

DOCDB simple family (application)
EP 91111766 A 19910715; DE 4026332 A 19900821; DE 59105651 T 19910715