

Title (en)

FEED DEVICE FOR FEEDING ELECTRIC CONTACT ELEMENTS INTO CRIMPING TOOLS OF A CRIMPING PRESS

Title (de)

ZUFÜHRVORRICHTUNG FÜR ELEKTRISCHE KONTAKTELEMENTE IN CRIMPWERKZEUGE EINER CRIMPPRESSE

Title (fr)

DISPOSITIF D'AMENAGE POUR ELEMENTS DE CONTACT ELECTRIQUES DANS DES OUTILS DE SERTISSAGE D'UNE PRESSE A SERTIR

Publication

EP 1181749 B1 20030129 (DE)

Application

EP 00943665 A 20000526

Priority

- DE 0001776 W 20000526
- DE 19924565 A 19990528

Abstract (en)

[origin: DE19924565A1] The invention relates to a device for feeding contact elements into a crimping tool of a crimping press. Said device has a support element (2), on which a slide (4) is displaceably mounted in a working direction (3) and a device (45, 47, 48, 6, 7, 11, 10) for converting the lifting movement of the slide into an oscillating transport movement, comprising a delivery stroke and a return stroke of a transport finger (158). The device is characterised in that the conversion device has a step-by step motion linkage (15) with a drive member (6, 56, 57), a negative lift drive member (7) and a lock (60, 120, 121). The drive member is mechanically coupled with the slide (4) and periodically engages the negative lift drive member (7). The lock (60, 120, 121) has a locking element (6) and at least one counter-locking element (120, 121), whereby the locking element (60) engages the counter-locking element in a counter-cyclical manner, in order to engage the drive members (6, 7), thus locking the negative lift drive member (7) and said negative lift drive member is mechanically coupled with the transport finger (158).

IPC 1-7

H01R 43/055; **H01R 43/048**

IPC 8 full level

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

CPC (source: EP)

H01R 43/055 (2013.01)

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

DE 19924565 A1 20001130; AU 5804600 A 20001218; CZ 20013969 A3 20020515; CZ 298895 B6 20080305; DE 10081497 D2 20020508; DE 50001179 D1 20030306; EP 1181749 A1 20020227; EP 1181749 B1 20030129; WO 0074182 A1 20001207

DOCDB simple family (application)

DE 19924565 A 19990528; AU 5804600 A 20000526; CZ 20013969 A 20000526; DE 0001776 W 20000526; DE 10081497 T 20000526; DE 50001179 T 20000526; EP 00943665 A 20000526