

Title (en)

DEVICE FOR INSERTING AND SETTING SELF-DRILLING BLIND TENSION RIVETS.

Title (de)

VORRICHTUNG ZUM EINDREHEN UND SETZEN VON SELBSTBOHRENDEN ZUGBLINDNIETEN.

Title (fr)

DISPOSITIF D'INSERTION ET DE POSE DE RIVETS AVEUGLES TIRANTS AUTOFOREURS.

Publication

EP 0572607 B1 19951004 (DE)

Application

EP 93900031 A 19921210

Priority

- DE 4141916 A 19911218
- EP 9202861 W 19921210

Abstract (en)

[origin: WO9311890A1] In a device (1) for inserting and setting self-drilling blind tension rivets, there are clamping jaws (3) holding an inserted tension pin (16). The clamping jaws (3) are guided in an attachment component (4) in grooves open radially towards its central axis (6). The base of the groove (8) and the appropriate limiting surface (9) of the clamping jaws (3) run at the same acute angle to the central axis (6) of the attachment component (4), which is held to be axially rotatable in a housing which can be secured against rotation. The clamping jaws (3) engage via clips (12) in a longitudinal slot (13) in the housing (5). At the front end of the housing (5) there is a closing cap (10) having a through aperture (24) for the insertion of the tension pin (16) of a blind tension rivet (2). The inserted blind tension rivet (2) is held between the clamping jaws (3) for both rotation during the drilling process and the subsequent tension process for setting the blind tension rivet.

IPC 1-7

B21J 15/04

IPC 8 full level

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CPC (source: EP US)

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