

Title (en)

DEVICE FOR PLACING A STAMPED RIVET IN SHEET METAL

Title (de)

VORRICHTUNG ZUM SETZEN EINES STANZNIETS IN BLECH

Title (fr)

DISPOSITIF POUR POSER UN RIVET AUTOPOINCONNEUR DANS UNE TOLE

Publication

**EP 1572392 A1 20050914 (DE)**

Application

**EP 03782413 A 20031216**

Priority

- DE 10259369 A 20021218
- EP 0314303 W 20031216

Abstract (en)

[origin: DE10259369B3] The appliance has an upper sleeve (48) containing a sliding die (46), and a stationary lower sleeve (50) at a distance to the upper one. The lower sleeve accommodates the shaft of the rivet (10) during the setting process. The lower sleeve is enclosed by a tensioning sleeve (52), which projects over it towards the sliding die, and serves as support for the metal plates (24,26) to be connected by the rivet. The tensioning sleeve has a ring shoulder (54), which is flexibly pre-tensioned against a stop (62), by a spring parcel (60) held between the ring shoulder and an abutment (56).

IPC 1-7

**B21J 15/02**; B21J 15/36

CPC (source: EP US)

**B21J 15/025** (2013.01 - EP US); **F16B 19/086** (2013.01 - EP US); **F16B 5/04** (2013.01 - EP US); **Y10T 29/53387** (2015.01 - EP US); **Y10T 29/5343** (2015.01 - EP US); **Y10T 29/5377** (2015.01 - EP US)

Citation (search report)

See references of WO 2004054737A1

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