

Title (en)

Device for clamping a stem to the traction mandrel of a riveting tool

Title (de)

Vorrichtung zum Einspannen eines Schafts auf den Zug-Dorn eines Niet-Werkzeugs

Title (fr)

Dispositif de serrage d'une tige à un mandrin de traction d'un outil de rivetage

Publication

**EP 0927585 A3 20041027 (EN)**

Application

**EP 98123420 A 19981209**

Priority

CZ 754098 A 19980102

Abstract (en)

[origin: EP0927585A2] In a device for clamping a stem to the traction mandrel of a riveting tool, the traction mandrel has a traction sleeve (11) loosely fitted in the enclosing sleeve (12) and mutually secured with the enclosing sleeve against axial shifting and turning. Between the enclosing sleeve and the peripheral recess in the traction sleeve (11) there is a compression spring (10). The traction sleeve (11) has an inner thread, onto which is screwed the stem (1), whose collar has at least one flattened plane on its outer circumference corresponding to an inner peripheral surface of the adjacent part of the enclosing sleeve (12). The device is fitted together with the traction mandrel (13) in the nozzle (5) of the riveting tool, wherein the nozzle has a passage opening in the area of the enclosing sleeve (12). Without the use of a tightening instrument as for example a key, it is possible to change easily and very quickly the mandrels for rivets in the riveting tool. <IMAGE>

IPC 1-7

**B21J 15/04**; **B21J 15/02**; **B21J 15/06**; **B25B 27/00**

IPC 8 full level

**B21J 15/04** (2006.01); **B21J 15/06** (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP)

**B21J 15/043** (2013.01); **B21J 15/105** (2013.01); **B25B 27/0014** (2013.01)

Citation (search report)

[A] EP 0325669 A1 19890802 - LOBSTER TOOL CO LTD [JP]

Cited by

CN107775590A; EP1524042A1; EP1336442A3; EP3025807A1; CN105643258A; US10415607B2; US10058910B2; US11673243B2; US11654475B2; WO2023242380A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0927585 A2 19990707**; **EP 0927585 A3 20041027**; **EP 0927585 B1 20060426**; **EP 0927585 B8 20060607**; AT E324206 T1 20060515; DE 69834311 D1 20060601; DE 69834311 T2 20070118; ES 2262207 T3 20061116

DOCDB simple family (application)

**EP 98123420 A 19981209**; AT 98123420 T 19981209; DE 69834311 T 19981209; ES 98123420 T 19981209