

Title (en)  
Riveting tool with a traction mandrel

Title (de)  
Niet-Werkzeug mit einem Zug-Dorn

Title (fr)  
Outil de rivetage avec un mandrin de traction

Publication  
**EP 0927585 A2 19990707 (EN)**

Application  
**EP 98123420 A 19981209**

Priority  
CZ 754098 A 19980102

Abstract (en)  
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)

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

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