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(54) **Device for clamping a stem to the traction mandrel of a riveting tool**

(57) 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.

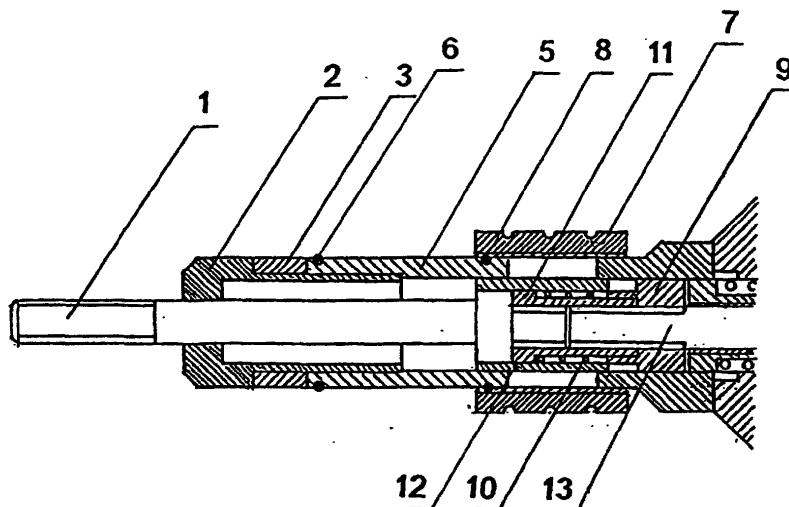


FIG.1



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 325 669 A (LOBSTER TOOL CO LTD) 2 August 1989 (1989-08-02) * column 4, line 51 - column 5, line 19 * * column 6, lines 52-55 * * column 7, lines 29-33 * * column 9, lines 36-41; figures 1,5,11 * -----	1	B21J15/04 B21J15/02 B21J15/06 B25B27/00
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B21J B25B B25F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		3 September 2004	Augé, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 12 3420

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