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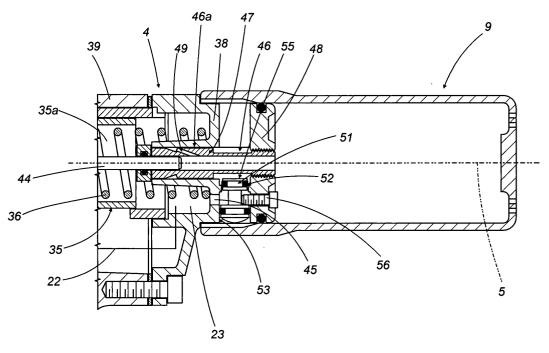
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(54) A riveting gun

(57) A riveting gun comprises a substantially cylindrical body (4) equipped at one end with a head (6) for gripping the rivet (8) mandrels (7) a discharge channel (44) coaxial with the body (4) and extending between an inlet at the gripping head (6) and an opposite outlet,

leading into a container (9), pneumatic means (19,20,21,22) designed to produce a stream of fluid that discharges rivet (8) mandrels (7) into the container (9), the riveting gun being characterised in that the pneumatic means (19,20,21,22) comprise shutoff means (50) for interrupting the stream of fluid.







EUROPEAN SEARCH REPORT

Application Number EP 05 00 1636

X Y			to claim	APPLICATION (Int.CI.7)	
γ	GB 2 116 102 A (AVDEL	LTD)	1-3	B21J15/06	
	21 September 1983 (1983 * page 3, lines 39-99;		4		
x	EP 0 476 888 A (EMHART 25 March 1992 (1992-03	INC)	1,3		
Υ	* column 1, line 54 - 6 figures 1-3 *	-25) column 2, line 33;	4		
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)	
				B21J	
	The present search report has been d	rawn un for all claims			
Place of search		Date of completion of the search	•		
Munich		1 March 2005	1 March 2005 Aug		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background		E : earlier patent doc after the filing date D : document cited in L : document cited fo	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		

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

EP 05 00 1636

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01-03-2005

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2116102	A	21-09-1983	AU DE DE FR IT JP	1213683 A 3307134 A1 8305750 U1 2523002 A1 1166423 B 58173049 A	15-09-19 22-09-19 15-12-19 16-09-19 29-04-19 11-10-19
EP 0476888	Α	25-03-1992	US DE EP JP JP	5086551 A 69105085 D1 0476888 A1 3157204 B2 4231139 A	11-02-19 15-12-19 25-03-19 16-04-20 20-08-19

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