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(54) **Spray gun with quick-fitting connector**

(57) A spray gun for jet washers which comprises a profiled plastic outer casing (1) within which there are housed, in appropriate seats, a pressurized fluid delivery valve controlled by a lever (5) located on the gun handgrip, means for connecting the delivery valve to the delivery nozzle and means for connecting the delivery valve to the pressurized fluid feed hose, said means

being of the male-female insertion type, in which in the connection means rigid with the hose there is provided a seat arranged to receive an externally removable element (10) for retaining said hose in its coupled position, said element being received in an appropriate aperture provided in the gun casing.

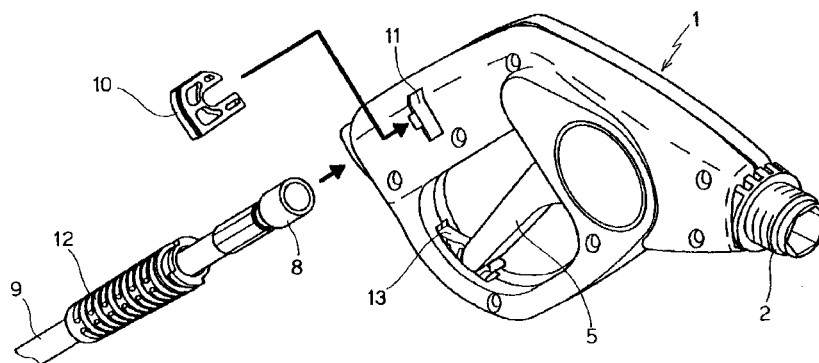


FIG.3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 20 2634

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)
X	DE 296 12 977 U (KAERCHER GMBH & CO ALFRED) 19 September 1996 (1996-09-19) * page 11, last paragraph - page 12, paragraph 1; claim 7; figures 1,2 *	1,2	B05B15/06 B05B1/30 B05B9/01 F16L37/14
X	EP 0 444 523 A (SUTTNER GMBH & CO KG) 4 September 1991 (1991-09-04) * page 2, column 1, line 26 - line 28 * * page 3, column 4, line 14 - line 18 * * page 5, column 7, line 14 - line 17 * * figures 2-4 * * claim 1 *	1,2	
X	US 3 973 791 A (PORTA FRANK L ET AL) 10 August 1976 (1976-08-10) * abstract; claim 1; figures 1-3 *	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B05B F16L F16B B08B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 March 2000	Examiner Barré, V
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 97 20 2634

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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13-03-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 29612977 U	19-09-1996	DE 19617417 A EP 0804970 A	06-11-1997 05-11-1997
EP 0444523 A	04-09-1991	DE 4035008 A DE 4007880 A	29-08-1991 29-08-1991
US 3973791 A	10-08-1976	NONE	