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(54) **Spray gun**

(57) The subject is a spray gun (1), also called an airbrush, which has the function of nebulising the liquid substance to be applied using air at higher than atmospheric pressure. This gun is characterized in that the de-

vice (1) that regulates the flow rate of the substance to be sprayed is independent of the movement of the needle (3) that regulates the opening and closing of the substance outlet nozzle (4).

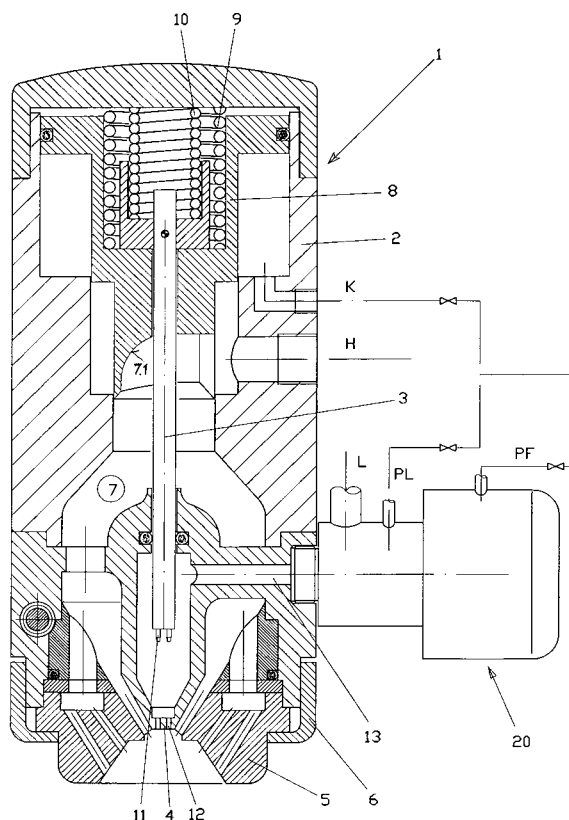


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 05 01 0568

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.7)
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) -& JP 2000 005647 A (FUSO SEIKI KK), 11 January 2000 (2000-01-11) * abstract *	1-3,5,13	B05B7/12 B05B7/12 B05B12/08 B05B1/30 B05B7/08 B05B1/14
X	----- US 4 660 771 A (CHABERT ET AL) 28 April 1987 (1987-04-28) * column 7, lines 48-58; figure 3 *	1-5,13	
X	----- GB 1 120 058 A (THE DEVILBISS COMPANY) 17 July 1968 (1968-07-17) * page 3, lines 23-55 *	1-5,13	
X	----- US 4 368 852 A (SHARP ET AL) 18 January 1983 (1983-01-18) * column 3, lines 34-47 * * column 6, lines 46-64 *	1-5,13	
A	----- GB 736 131 A (AUGUST HARDER) 31 August 1955 (1955-08-31) * the whole document *	9,10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B05B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 2 November 2005	Examiner Juguet, J
<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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EPO FORM 1503 03.82 (P04/C01)

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

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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02-11-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000005647	A	11-01-2000	NONE	
US 4660771	A	28-04-1987	FR 2552345 A1	29-03-1985
GB 1120058	A	17-07-1968	DE 1577696 A1	26-03-1970
			US 3450092 A	17-06-1969
US 4368852	A	18-01-1983	CA 1178432 A1	27-11-1984
			DE 3272821 D1	02-10-1986
			EP 0061342 A1	29-09-1982
			JP 1727899 C	19-01-1993
			JP 4009588 B	20-02-1992
			JP 57167754 A	15-10-1982
GB 736131	A	31-08-1955	FR 1083943 A	13-01-1955