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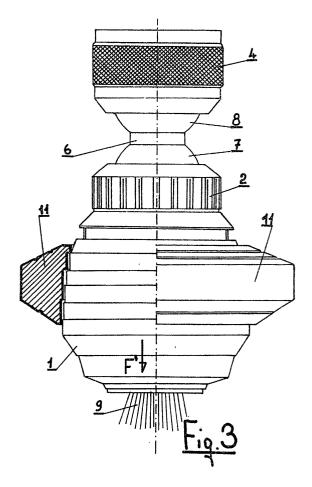
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- (54) Control ring for the adjustment of the direction and the shape of the jet of a jet deflector or of a shower head with aerator
- (57) Control ring for changing the deflection and shape of the jet delivered by a jet deflector, this ring (11) having a properly shaped outer surface, while its internal wall is step-shaped (12) matching the external configuration of the delivery valve body (1), so that the ring (11) can be stably fitted or disassembled by snap connection of the faying surfaces of the ring (12) and body (1).





EUROPEAN SEARCH REPORT

Application Number

EP 00 11 7493

	DOCUMENTS CONSID	ERED TO BE RELEVANT	-		
Category	Citation of document with it of relevant passa	ndication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
X	US 3 884 418 A (WIL 20 May 1975 (1975-6 * column 5, line 18	COX THOMAS J ET AL) 05-20) 3-33; figure 3 *	1,2	B05B1/12 B05B15/06	
D,A	EP 0 431 235 A (SIF 12 June 1991 (1991- * the whole documer	06-12)	1		
Α	US 3 334 818 A (MOE 8 August 1967 (1967 * figure 2 *		1		
				TECHNICAL FIELDS SEARCHED (Int.CI.7) B05B	
	The present court	oon droug up for all alains			
	The present search report has be	Date of completion of the search		Evernings	
		·	Tha:	Examiner M	
MUNICH 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 O: non-written disclosure P: intermediate document		E: earlier patent after the filling o er D: dooument cite L: document cite &: member of the	7 July 2003 Eberwein, M 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		

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

EP 00 11 7493

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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07-07-2003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3884418	A	20-05-1975	CA DE IT NL	1020203 2525814 1040714 7506974	A1 B	01-11-1977 25-03-1976 20-12-1979 02-03-1976
EP 0431235	A	12-06-1991	IT AT CA DE DE EP GR US	1236136 77461 2011804 69000157 69000157 0431235 3005722 5149146	T A1 D1 T2 A1 T3	08-01-1993 15-07-1992 04-06-1991 23-07-1992 11-02-1993 12-06-1991 07-06-1993 22-09-1992
US 3334818	Α	08-08-1967	GB	1119893	Α	17-07-1968

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82