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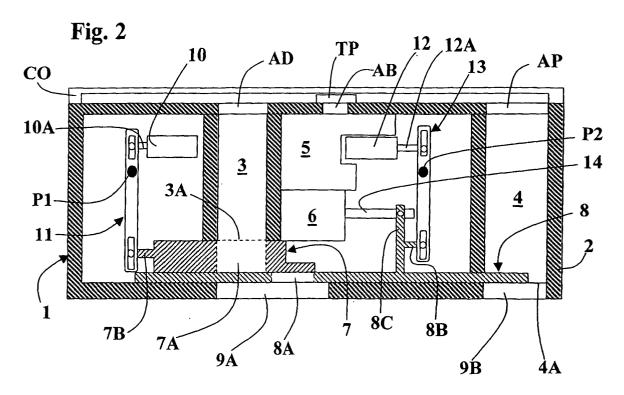
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(54) Household dishwashing machine with dispenser device for washing agents

- (57) Household dishwashing machine comprising a washing agents dispenser (1), wherein at least a compartment (3,4) for containing a single dose of solid washing agent as required to execute a single wash programm, and a tank (5) for containing enough liquid additive to peform a plurality of wash programs are delimited. Most part of the dispenser body is assembled inside the machine door (CP), so that
- a first portion (ZS) of the dispenser (1), delimiting
- the filling ports (AD,AP,AB) of the compartment (3,4) and/or tank (5) is in line with a first passage delimited in an upper edge (BS) of the door (CP),
- a second portion (ZI) of said body (2), delimiting at least an outlet for discharging the contents of said compartment (3,4) and/or tank (5) into the washing tub, is in line with a second passage delimited in a drawn area (PI) of the door surface (CP) facing inside the washing tub.





EUROPEAN SEARCH REPORT

Application Number EP 02 00 7146

	DOCUMENTS CONSID	ERED TO BE RELE	VANT				
Category	Citation of document with in of relevant passa	ndication, where appropriate ges		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
Y	FR 2 593 697 A (ELT 7 August 1987 (1987 * the whole documer	'-08-07 ⁾	1-	-26	A47L15/44		
Υ	DE 27 15 369 A (LIC 19 October 1978 (19 * the whole documer	78-10-19)	1-	-26			
Y	EP 0 858 768 A (ELE ELETTRODOME) 19 Aug * the whole documer	gust 1998 (1998-08-19)		-26			
Ε	US 6 598 611 B1 (DU 29 July 2003 (2003- * the whole documer	07-29)	1-	-26			
Υ	US 5 288 331 A (RIM	1994-02-22)					
Α	22 February 1994 (1 * the whole documer			4,6-26			
Υ	FR 72 992 E (LADEN) 22 September 1960 (1960-09-22)		12,13, 20,21 1-11, 14-19, 22-26	TECHNICAL FIELDS SEARCHED (Int.CI.7)		
Α	* the whole documer				A47L		
Υ	DE 40 00 646 A (LEI			5-19			
Α	WALTER (DE)) 18 Jul * the whole documer	y 1991 (1991-07- t *	-07-18) 1-15, 20-26				
	The present search report has I	peen drawn up for all claims					
	Place of search MUNICH	Date of completion of 11 December		Cn:	tzer, B		
							
X : parti Y : parti docu A : tech	ATEGORY OF CITED DOCUMENTS ioularly relevant if taken alone cularly relevant if combined with another of the same category nological background	E : earl after D : doc L : doc	ory or principle und ier patent docume the filing date ument cited in the ument cited for oth	nt, but publis application er reasons	hed on, or		
O : non-written disclosure P : intermediate document			& : member of the same patent family, corresponding document				

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

EP 02 00 7146

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-12-2003

cited in search repo	t ort	Publication date		Patent family member(s)		Publication date	
FR 2593697	A	07-08-1987	IT DE FR	1187895 3701404 2593697	A1	23-12-1987 13-08-1987 07-08-1987	
DE 2715369	A	19-10-1978	DE ES FR IT SE	2715369 243493 2386966 1109541 7803795	Y A7 B	19-10-1978 01-03-1980 03-11-1978 16-12-1985 07-10-1978	
EP 0858768	A	19-08-1998	IT DE EP	PN970008 69812744 0858768	D1	11-08-1998 08-05-2003 19-08-1998	
US 6598611	B1	29-07-2003	IT AU AU EP JP WO	PN990064 758082 5533600 1199974 2003506125 0110284	B2 A A1 T	05-02-2001 13-03-2003 05-03-2001 02-05-2002 18-02-2003 15-02-2001	
US 5288331	A	22-02-1994	DE AT DE DK WO EP ES JP JP	3920728 114436 59007870 478650 9100044 0478650 2064738 4506308 3090946	T D1 T3 A1 A1 T3 T	10-01-1991 15-12-1994 12-01-1995 15-05-1995 10-01-1991 08-04-1992 01-02-1995 05-11-1992 25-09-2000	
FR 72992	E	22-09-1960	NONE				
DE 4000646	Α	18-07-1991	DE	4000646	A1	18-07-1991	

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