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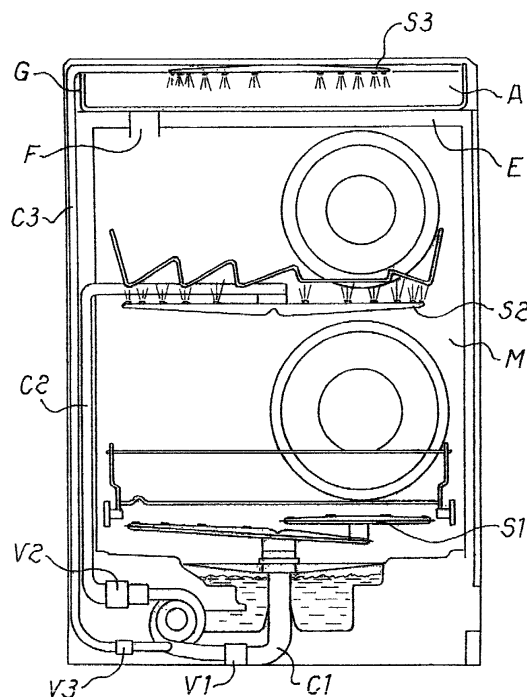
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(54) Dishwasher with additional washing tank

(57) A dishwasher includes a washing pump from which ducts (C1, C2, C3) branch out to feed water to respective sprinklers (S1, S2, S3) arranged in two washing tanks (A, M) one on top of the other separated by a

partition wall (E) in which there is formed a one drain hole (F), valve means (V1, V2, V3) being provided on said feed ducts (C1, C2, C3) for independent control of the water feed to each of the sprinklers (S1, S2, S3).

Fig.1



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EUROPEAN SEARCH REPORT

Application Number
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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	WO 01 93741 A (DURAZZANI PIERO ;FAVARO DANIELE (IT); ELECTROLUX ZANUSSI ELETTRODO) 13 December 2001 (2001-12-13) * whole document *	1,4-6	A47L15/42 A47L15/23
X	EP 0 585 905 A (DAE WOO ELECTRONICS CO LTD) 9 March 1994 (1994-03-09) * whole document *	1,4,6	
A	* column 6, paragraph 2 *	3	
X	US 6 260 565 B1 (BIRKENHOLTZ STEPHEN L ET AL) 17 July 2001 (2001-07-17) * whole document *	1,4,5	
A	* figure 2 *	2	
A	* column 2, line 44-49 *	3	
X	US 3 288 154 A (JACOBS JAMES W) 29 November 1966 (1966-11-29) * whole document *	1,4,5	
A	* figure 2 *	2,3	
X	FR 2 640 487 A (ESSWEIN SA) 22 June 1990 (1990-06-22) * whole document *	1,4,6	
A	* page 2, line 23 - page 3, line 35 *	2	
X	DE 29 11 005 A (LICENTIA GMBH) 25 September 1980 (1980-09-25) * whole document *	1,4	
A	* figure 1 *	3	
X	DE 23 45 908 A (LICENTIA GMBH) 20 March 1975 (1975-03-20) * whole document *	1,4	
A	FR 2 019 259 A (RIBER SAS RICCARDO ET CO) 26 June 1970 (1970-06-26) * whole document *	1,2,4,5	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 June 2002	Examiner Ureta, R
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		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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EUROPEAN SEARCH REPORT

Application Number
EP 01 83 0071

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (In.CI.7)
A	DE 94 16 710 U (ROESER KARLO) 1 December 1994 (1994-12-01) * whole document *	1,2,4-6	
P,A	WO 00 72741 A (DURAZZANI PIERO ;ELECTROLUX ZANUSSI ELETTRODOME (IT)) 7 December 2000 (2000-12-07) * whole document *	1,4,6	
A	EP 0 186 157 A (MIELE & CIE) 2 July 1986 (1986-07-02) * whole document *	2-4	
A	US 3 727 622 A (JACOBS J) 17 April 1973 (1973-04-17) * whole document *	2	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.CI.7)
Place of search THE HAGUE		Date of completion of the search 28 June 2002	Examiner Ureta, R
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 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			

EPO FORM 1503 03 82 (P04001)

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ON EUROPEAN PATENT APPLICATION NO.**

EP 01 83 0071

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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28-06-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0193741	A	13-12-2001	IT	PN20000037 A1	07-12-2001
			WO	0193741 A1	13-12-2001
EP 0585905	A	09-03-1994	KR	9409563 B1	15-10-1994
			AU	661918 B2	10-08-1995
			AU	4613493 A	24-03-1994
			CA	2103987 A1	05-03-1994
			CN	1083692 A ,B	16-03-1994
			DE	69316482 D1	26-02-1998
			DE	69316482 T2	07-05-1998
			EP	0585905 A2	09-03-1994
			JP	2971703 B2	08-11-1999
			JP	6105785 A	19-04-1994
			MX	9305340 A1	31-03-1994
			US	5331986 A	26-07-1994
US 6260565	B1	17-07-2001	AU	6040099 A	10-04-2000
			WO	0016681 A1	30-03-2000
US 3288154	A	29-11-1966	NONE		
FR 2640487	A	22-06-1990	FR	2640487 A1	22-06-1990
DE 2911005	A	25-09-1980	DE	2911005 A1	25-09-1980
DE 2345908	A	20-03-1975	DE	2345908 A1	20-03-1975
FR 2019259	A	26-06-1970	FR	2019259 A7	26-06-1970
DE 9416710	U	01-12-1994	DE	9416710 U1	01-12-1994
WO 0072741	A	07-12-2000	IT	PN990043 A1	01-12-2000
			AU	4552300 A	18-12-2000
			WO	0072741 A1	07-12-2000
			EP	1189534 A1	27-03-2002
			NZ	513995 A	28-09-2001
EP 0186157	A	02-07-1986	DE	3447302 A1	26-06-1986
			DE	3570354 D1	29-06-1989
			EP	0186157 A1	02-07-1986
US 3727622	A	17-04-1973	NONE		

EPO FORM P0459

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