



(11) **EP 2 165 638 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
05.10.2011 Bulletin 2011/40

(51) Int Cl.:
A47L 15/48 ^(2006.01) **A47L 15/00** ^(2006.01)
A47L 15/46 ^(2006.01)

(43) Date of publication A2:
24.03.2010 Bulletin 2010/12

(21) Application number: **09169945.4**

(22) Date of filing: **10.09.2009**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR**
Designated Extension States:
AL BA RS

(30) Priority: **23.09.2008 TR 200807248**

(71) Applicant: **Vestel Beyaz Esya Sanayi Ve Ticaret
A.S.
45030 Manisa (TR)**

(72) Inventors:
• **Eldem, Mehmet
45030 Manisa (TR)**
• **Bal, Evren
45030 Manisa (TR)**
• **Eroglu, Erkan
45030 Manisa (TR)**

(74) Representative: **Cayli, Hülya
Paragon Consultancy Inc.
Koza Sokak No: 63/2
GOP
06540 Ankara (TR)**

(54) **A drying method for dishwashers**

(57) According to the present invention, in the case that the rinse aid in the detergent drawer is used up, the washing program is changed by the control unit of the machine and the heat and durations at drying step are adjusted to values at which drying can be executed without rinse aid. According to the present invention, the data

that the rinse aid is used up are recorded on the control unit by a controller sensing circuitry and then indicated on the display panel of the machine by the unit. Thus, a necessary continuous signal is indicated on the display panel until further rinse aid is supplied.

EP 2 165 638 A3



EUROPEAN SEARCH REPORT

Application Number
EP 09 16 9945

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2003/079760 A1 (SPANYER ANDREW JOSEPH [US] ET AL) 1 May 2003 (2003-05-01) * page 2, paragraphs 16,21,23 * * page 3, paragraph 24 * * page 3, paragraph 28 - page 4, paragraph 39; figures 1-3 *	1-8	INV. A47L15/48 A47L15/00 A47L15/46
X	DE 102 38 303 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 4 March 2004 (2004-03-04) * page 2, paragraph 5 * * page 2, paragraph 9 - page 3, paragraph 15; claims 1-8 *	1-8	
X	DE 102 38 304 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 26 February 2004 (2004-02-26) * page 2, paragraph 10 - page 3, paragraph 11 * * page 3, paragraph 14 - paragraph 20 *	1-8	
X	US 5 797 409 A (COOPER RANDALL L [US] ET AL) 25 August 1998 (1998-08-25) * column 2, line 54 - line 64 * * column 3, line 23 - line 34 * * column 5, line 13 - column 6, line 27; figures 2,6,7 *	1-8	TECHNICAL FIELDS SEARCHED (IPC) A47L
A	KR 950 002 460 B1 (DAEWOO ELECTRONICS CO LTD [KR]) 20 March 1995 (1995-03-20) * the whole document *	5	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 31 August 2011	Examiner Lodato, Alessandra
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			

 1
EPO FORM 1503 03.82 (P04C01)

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

EP 09 16 9945

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.

31-08-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003079760 A1	01-05-2003	CA 2394947 A1	15-04-2003
DE 10238303 A1	04-03-2004	AU 2003255466 A1	11-03-2004
		WO 2004017809 A2	04-03-2004
		EP 1531715 A2	25-05-2005
		US 2005133064 A1	23-06-2005
DE 10238304 A1	26-02-2004	AU 2003266298 A1	11-03-2004
		CN 1674821 A	28-09-2005
		WO 2004017807 A1	04-03-2004
		EP 1531712 A1	25-05-2005
		US 2005126602 A1	16-06-2005
US 5797409 A	25-08-1998	CA 2171805 A1	09-12-1996
		US 5669983 A	23-09-1997
KR 950002460 B1	20-03-1995	NONE	