



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
24.03.1999 Bulletin 1999/12

(51) Int. Cl.<sup>6</sup>: A47L 15/48

(43) Date of publication A2:  
29.01.1997 Bulletin 1997/05

(21) Application number: 96201808.1

(22) Date of filing: 29.06.1996

(84) Designated Contracting States:  
ES FR IT

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(30) Priority: 27.07.1995 IT MI950558 U

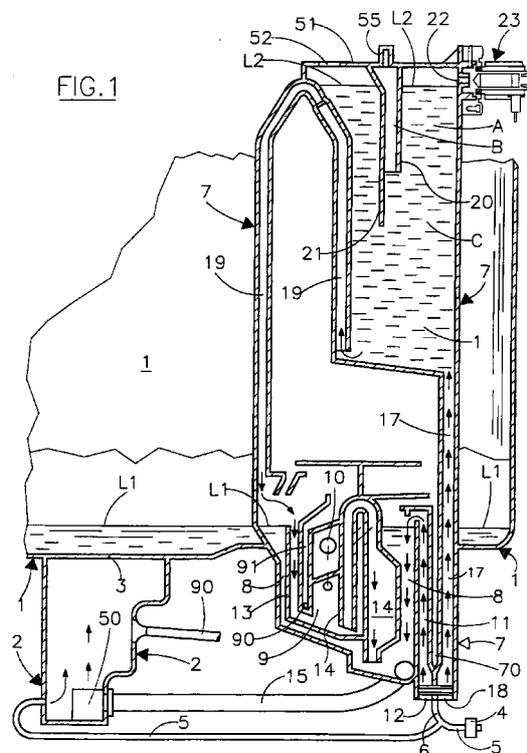
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(54) Control device for loading differentiated volumes of washing liquid in a dishwashing machine

(57) A device for controlling the loading of washing liquid in a dishwashing machine comprises a first tank (8) arranged as an offtake to the supply of liquid by a solenoid valve (4) for supplying a washing tank (1) of the dishwashing machine so as to receive a smaller first fraction of liquid, connecting means (15, 50) that keep the first tank (8) in communication with the tank (1) during the loading of the washing liquid so that the level of the liquid in the first tank (8) coincides with the level of the liquid in the washing tank (1), level detection means (9, 10, 13) associated with the first tank (8) to perform the closing of the supplying solenoid valve (4) when the level of the liquid in the first tank (8) and in the washing tank (1) exceeds a first predetermined level (L1), a second tank (16) also arranged as an offtake to the supply of liquid by the supplying solenoid valve (4) so as to receive a smaller second fraction of said liquid, and a syphon-like conduit (19) associated with said second tank (16) that is triggered when the level of the liquid in the second tank (16) reaches a second prescribed level (L2) so as to transfer the liquid present in the second tank (16) completely into the first tank (8) so as to determine the intervention of said level detection means (9, 10, 13). The second tank (16) is provided with a first baffle (20, 21) suitable for circumscribing a portion of tank (A, C). Air venting means (22, 23) are associated with said portion of tank (A, C) that can be opened or closed to allow or to prevent, when open or when closed, respectively, the liquid from filling said portion of tank (A, C), so that said second prescribed level (L2) is reached when a first or a second volume of liquid, respectively, is present in the second tank (16), the first volume of liquid

being larger than the second volume of liquid.





European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 96 20 1808

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.6)
A,D, P	EP 0 669 099 A (CANDY SPA) 30 August 1995 * column 3, line 31 - column 9, line 36; figure 1 * -----	1,2,4	A47L15/48
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47L
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>26 January 1999</b>	Examiner <b>Laue, F</b>
<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                      .....                      &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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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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26-01-1999

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EPO FORM P0459

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