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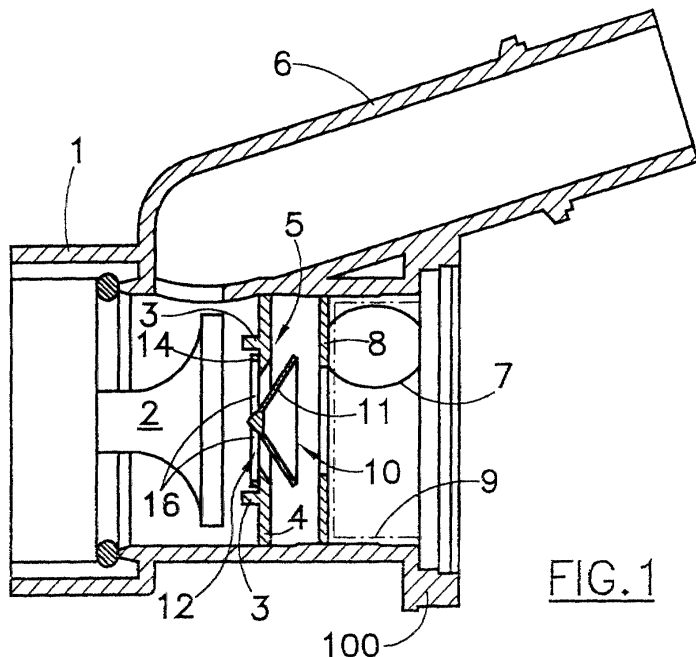
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| <div>(84) Designated Contracting States:</div> <div><b>AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR</b></div> <div>Designated Extension States:</div> <div><b>AL LT LV MK RO SI</b></div> | <div>(72) Inventor: <b>Fumagalli, Silvano</b></div> <div><b>20052 Monza (IT)</b></div>                                                                                          |
| <div>(30) Priority:   <b>05.06.2000    IT    MI000346</b></div>                                                                                                                                          | <div>(74) Representative: <b>Mittler, Enrico</b></div> <div><b>c/o Mittler &amp; C. s.r.l.,</b></div> <div><b>Viale Lombardia, 20</b></div> <div><b>20131 Milano (IT)</b></div> |
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(54)      **Discharge unit for washing machine**

(57)      A discharge unit for washing machine provided with a washing tank is described. The unit comprises a filter container (1) connected with the tank and in which a filter (2) for the filtering of the washing water coming from the tank is housed. The filter container (1) is fixedly mounted to a discharge pump container (100) provided with an impeller (9) for the conveying of the filtered washing water towards a discharge duct (7). Between

the filter (2) and the impeller (9) a wall (4) is arranged that is provided with an opening (5) with which a non-return valve is associated (10, 20) which maintains said opening (5) open by means of action of the same washing water during a normal operation of discharge of the washing water and which maintains said opening (5) closed by the action of the back-flow water from the discharge pipe (7) at the end of the discharge operation.



**FIG. 1**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 01 20 1905

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                        |                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |                                              |
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| Category                                                                                                                                                                                                                   | Citation of document with indication, where appropriate, of relevant passages                                                                     | Relevant to claim                                                                                                                                                                                                                                                                  | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
| Y                                                                                                                                                                                                                          | AT 247 274 B (BOSCH GMBH ROBERT)<br>25 May 1966 (1966-05-25)<br>* page 1, line 1 - line 18; figures 1-5 *                                         | 1,5-7                                                                                                                                                                                                                                                                              | D06F39/10<br>D06F39/08                       |
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|                                                                                                                                                                                                                            |                                                                                                                                                   |                                                                                                                                                                                                                                                                                    | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.7)      |
|                                                                                                                                                                                                                            |                                                                                                                                                   |                                                                                                                                                                                                                                                                                    | D06F<br>A47L                                 |
| The present search report has been drawn up for all claims                                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |                                              |
| Place of search<br><b>MUNICH</b>                                                                                                                                                                                           |                                                                                                                                                   | Date of completion of the search<br><b>20 January 2003</b>                                                                                                                                                                                                                         | Examiner<br><b>Weinberg, E</b>               |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                                |                                                                                                                                                   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or<br>after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding<br>document |                                              |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another<br>document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |                                              |

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.  
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