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**EUROPEAN PATENT APPLICATION**

②① Application number: **88202807.9**

⑤① Int. Cl.4: **A 47 L 15/22**

②② Date of filing: **08.12.88**

③⑩ Priority: **18.12.87 IT 2291387**

④③ Date of publication of application:  
**21.06.89 Bulletin 89/25**

⑧④ Designated Contracting States:  
**AT BE CH DE ES FR GB GR IT LI LU NL SE**

⑧⑧ Date of deferred publication of search report:  
**12.07.89 Bulletin 89/28**

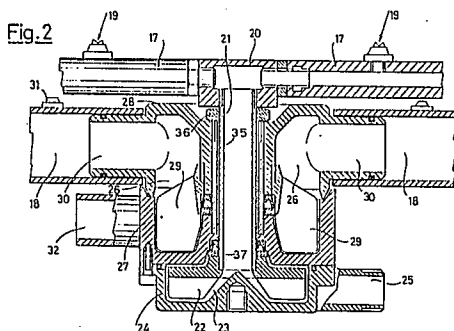
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⑤④ **Hydraulic-motor driven rotary spray-arm device for dish-washing machines.**

⑤⑦ The invention concerns a dish-washing machine of the type comprising at least one spray-arm (17, 18) supported rotably on a shaft (21). A hydraulic motor, such as a hydraulic turbine (22, 29), sets in rotation the spray-arms. In a preferred embodiment the flow of water feeding the turbine pass into the spray-arm to be discharged through the nozzles (19, 31) on the arm to obtain the washing and rinsing effect.





EP 88 20 2807

| 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.4) |
| X                                                                                                                                                                                                                       | US-A-4298015 (GARZA)<br>* the whole document *                                | 1-3                                                                                                                                                                                                                                                                                   | A47L15/22                                     |
| X                                                                                                                                                                                                                       | FR-E-30464 (NAVARRE ET FILS)<br>* the whole document *                        | 1-3                                                                                                                                                                                                                                                                                   |                                               |
| X                                                                                                                                                                                                                       | DE-C-474197 (NAVARRE ET FILS)<br>* page 2, line 15 - line 25; figure 1 *      | 1-3                                                                                                                                                                                                                                                                                   |                                               |
| A                                                                                                                                                                                                                       | US-A-2286203 (FOX)<br>* figure 3 *                                            | 1                                                                                                                                                                                                                                                                                     |                                               |
|                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                                                                                                                                                       | TECHNICAL FIELDS SEARCHED (Int. Cl.4)         |
|                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                                                                                                                                                       | A47L                                          |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                               |                                                                                                                                                                                                                                                                                       |                                               |
| Place of search<br>THE HAGUE                                                                                                                                                                                            |                                                                               | Date of completion of the search<br>24 APRIL 1989                                                                                                                                                                                                                                     | Examiner<br>SCHARTZ J.                        |
| <b>CATEGORY OF CITED DOCUMENTS</b>                                                                                                                                                                                      |                                                                               |                                                                                                                                                                                                                                                                                       |                                               |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                               | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>I : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |                                               |