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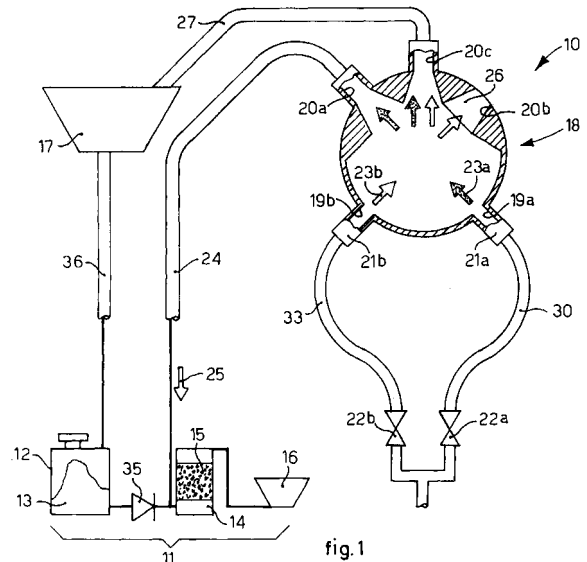
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(54) **Device and method for feeding water into a washer machine**

(57) Device for feeding water into a washer machine, in particular a dishwasher equipped with an anti-calcium unit (11) comprising elements (14, 15) able to decalcify the washing water and elements (12, 13) able to regenerate the decalcification filtering elements, and a tank (17) for the execution, with clean water (28), of cycles to regenerate said filtering elements. The device comprises a group of load valves connected to the mains water supply and having two valves (22a, 22b), able to be selectively and independently activated, associated downstream with a crossed-flow distributor unit (18) having two inlets (19a, 19b) and three outlets (20a, 20b, 20c). A first outlet (20a) of said crossed-flow distributor unit (18) is connected to said anti-calcium unit (11) in order to feed washing water to be sent to said decalcification elements (14, 15), a second outlet (20b) of said distributor unit (18) is connected, by means of an outlet (37), to the washing chamber for mixing hard water with decalcified water, and a third outlet (20c) is connected with said tank (17) of the regeneration water, in order to send the water to said elements (12, 13) to regenerate the decalcification filtering elements.





EUROPEAN SEARCH REPORT

Application Number
EP 06 11 3866

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| Place of search Munich | | Date of completion of the search 14 November 2008 | Examiner Clarke, Alister | |
| <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 & : member of the same patent family, corresponding document</p> | | | | |

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**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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