

Title (en)

Method for optimising water utilisation in a washing machine, washing-drying machine or the like during the use thereof

Title (de)

Verfahren zum Optimieren der Wasserausnutzung in Waschmaschinen

Title (fr)

Procédé pour optimiser l'utilisation de l'eau dans les machines à laver

Publication

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Application

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Priority

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Abstract (en)

A method for optimizing water utilization in a washing machine, washing-drying machine or the like during its use, said machine operating a wash program on a load or clothes placed in its usual drum (2) rotating within a tub (3), said program comprising a wash and a plurality of successive rinse stages, the weight of the load in the drum being evaluated in order to define the water quantity to be used at least for the first rinse stage; according to the method, this evaluation is effected using fuzzy logic, this fuzzy logic being successively utilized to evaluate the water quantity to be used for the rinse stages subsequent to the first. The invention also relates to the device for implementing the said method. <IMAGE>

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Citation (search report)

- [YA] EP 0526860 A2 19930210 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [YA] FR 2485576 A1 19811231 - LABO ELECTRONIQUE PHYSIQUE [FR]
- [A] EP 0441984 A1 19910821 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] FR 2455648 A1 19801128 - LICENTIA GMBH [DE]
- [A] FR 1398580 A 19650507 - PHILIPS NV
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 119 (C - 1034) 12 March 1993 (1993-03-12)

Cited by

EP1029962A1; CN110846851A; EP2545840A1; ITMI20111323A1; ES2177370A1; US8578951B2; EP2243416A1; EP2508113A1; US8778090B2

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