

Title (en)
METHOD TO CONTROL A WASHING MACHINE

Title (de)
VERFAHREN ZUR STEUERUNG EINER WASCHMASCHINE

Title (fr)
PROCÉDÉ POUR COMMANDER UNE MACHINE À LAVER

Publication
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Application
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Abstract (en)
The present invention relates to a method to control a washing machine (1), the washing machine including a tub (5) and a drum (6), the drum (6) being rotatably mounted inside the tub (5) and apt to contain laundry to be washed, the method comprising: - setting a washing cycle among a plurality of washing cycles; - calculating a first weight of the laundry in the drum before water is supplied to the drum and/or tub; - comparing the first weight to a first threshold (T1); - if said first weight is above the first threshold (T1), then the method further includes: i. introducing water into the tub; ii. calculating a second weight of the laundry present into the drum; iii. determining a parameter of the set washing cycle on the basis of said second weight, independently from the first weight; iv. washing and/or rinsing said laundry.

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Citation (applicant)
• EP 1423563 A1 20040602 - LG ELECTRONICS INC [KR]
• EP 2871274 A1 20150513 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (search report)
• [XYI] US 2011030460 A1 20110210 - ASHRAFZADEH FARHAD [US]
• [YDA] EP 2871274 A1 20150513 - SAMSUNG ELECTRONICS CO LTD [KR]
• [A] US 2012005840 A1 20120112 - JANG HOYONG [KR], et al
• [A] WO 2011025339 A2 20110303 - LG ELECTRONICS INC [KR], et al
• [A] DE 102014218278 A1 20160317 - BSH HAUSGERAETE GMBH [DE]

Cited by
EP3715521A1; WO2020193139A1; CN110344209A; CN110552165A; CN111733566A; CN111379119A; CN111411475A; CN112176650A; CN113279182A; CN112726118A; US11578444B2; EP3882387A1; WO2020259348A1; WO2023005656A1; US12006618B2

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