Title (en)
Washing machine and control method thereof

Title (de)
Waschmaschine und Steuerungsverfahren dafür

Title (fr)
Machine à laver et son procédé de commande

Publication
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Application
EP 13171121 A 20070427

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Abstract (en)
A washing machine is disclosed which comprises a rotational drum (12) into which laundry is input and a water tub (11) to perform a washing operation using bubbles. A corresponding control method of such a washing machine performs a washing operation using bubbles and comprises the supply of detergent liquid and water into a space between the water tub (11) and the rotational drum (12) so as not to contact the laundry input into the rotational drum. Bubbles are generated from detergent water as a mixture of the detergent liquid and the water and then the bubbles are supplied to the laundry. Thereafter, the laundry is washed using the bubbles.

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Citation (search report)
- [A] US 5590551 A 19970107 - HONG SEOG J [KR]
- [A] JP 2005007224 A 20050113 - KAMEYA KOGYOSHO KK
- [A] JP 2002306886 A 20021022 - NATURAL CLEAN INC

Cited by
EP2372006A3; EP3981905A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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