

Title (en)

Washing machine or dryer with means for automatically determining the weight of the laundry.

Title (de)

Waschmaschine oder Trockner mit automatischer Messung des Gewichts der Wäsche.

Title (fr)

Perfectionnements à un lave-linge ou sèche-linge à détermination automatique de la charge de linge introduite dans la machine.

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Application

EP 89401403 A 19890523

Priority

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Abstract (en)

Washing machine or drier with means for determining the moment of inertia of the laundry in relation to the axis of rotation of this drum. The drive motor of the drum, being of the universal type, is supplied with alternating current, and its speed (V) is determined by a phase-control command via a microprocessor which determines the moment of inertia from the value (theta) of the phase angle. The microprocessor commands the rotation of the drum at a first acceleration between two speeds V1 and V2 and sums the values theta 1 of the phase angle measured periodically, then commands a second acceleration ramp (21) between the same speeds at a different acceleration and sums the phase angles theta 2 determined periodically. The microprocessor consequently calculates the difference between the two sums. <IMAGE>

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Citation (search report)

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