

Title (en)

Method for determining the weight of the wet laundry in a laundry drum

Title (de)

Verfahren zum Bestimmen der Masse von nasser Wäsche in einer Wäschetrommel

Title (fr)

Procédé pour déterminer la masse de linge mouillé dans un tambour à linge

Publication

EP 0649931 B1 19990602 (DE)

Application

EP 94113950 A 19940906

Priority

DE 4336349 A 19931025

Abstract (en)

[origin: EP0649931A1] Before and/or during the execution of a spinning programme, the laundry drum is operated in a mass-determining segment M within three phases A. The first phase is characterised by a delayed increase in speed to a final speed n1 above the starting speed and below the resonant speed. The second phase B has a constant desired speed equal to the final speed n1 of the ramp. In the third phase C, the laundry drum runs down drivelessly to a minimum speed n2 which is still higher than the laundry breakaway speed. From the moment t1 when the drive is switched off to the moment t2 when the minimum speed is reached, the time span TC, which is a measure for the mass of the laundry, is measured. This detection of the loading can be carried out in an extremely simple way, is considerably more accurate than conventional methods and can be repeated at any time. A measurement of residual moisture for the purpose of checking the spinning result is likewise possible. <IMAGE>

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CPC (source: EP KR US)

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Cited by

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EP 0649931 A1 19950426; **EP 0649931 B1 19990602**; CN 1070953 C 20010912; CN 1109529 A 19951004; DE 4336349 A1 19950427; DE 59408347 D1 19990708; ES 2134299 T3 19991001; GR 3030956 T3 19991130; KR 100339880 B1 20021116; KR 950011722 A 19950515; PL 177906 B1 20000131; PL 305539 A1 19950502; RU 2123550 C1 19981220; RU 94038773 A 19960727; TR 27914 A 19951012; US 5507054 A 19960416

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