

Title (en)
METHOD FOR BALANCING THE LOAD OF LINEN IN A LINEN TREATMENT MACHINE, AND A LINEN TREATMENT MACHINE

Title (de)
VERFAHREN ZUM AUSGLEICH DER WÄSCHELAST IN EINER WÄSCHEBEHANDLUNGSMASCHINE UND WÄSCHEBEHANDLUNGSMASCHINE

Title (fr)
PROCÉDÉ D'ÉQUILIBRAGE DE LA CHARGE DE LINGE DANS UNE MACHINE DE TRAITEMENT DE LINGE ET MACHINE DE TRAITEMENT DE LINGE

Publication
EP 4306703 A1 20240117 (EN)

Application
EP 23183402 A 20230704

Priority
IT 202200014575 A 20220712

Abstract (en)
A method for balancing the load of linen in a linen drum (5) in a washing machine (1) or tumble dryer, comprises- before performing a spinning step (27), carrying out a linen load balancing check step (29) and a linen mass determination step (31), and:- in the case of a balanced load, perform the spinning step (27),- in the case of an unbalanced load, not enabling the spinning step (27) and performing a linen load balancing step (29) through a sequence of movements of the linen drum (5) at lower speeds than the rotation speed of the linen drum (5) during the spinning step (27) and, after the balancing step (29), repeating the linen load balancing check step (28) until the load of linen is balanced with respect to the balancing check step (29),- in the case of an unbalanced load, before performing the linen load balancing step (29), comparing (32) the determined mass of linen with a reference mass value indicative of a low load of linen, and- if the determined mass of linen is greater than the reference mass value, performing the linen load balancing step (29) through a first drum movement sequence (29'),- if the determined mass of linen is less than the reference mass value, performing the linen load balancing step (29) through a second drum movement sequence (29'') different from the first sequence of movements.

IPC 8 full level
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Citation (applicant)
EP 0732437 A1 19960918 - MERLONI ELETTRODOMESTICI SPA [IT]

Citation (search report)
• [XII] KR 102303801 B1 20210917
• [XII] EP 2128324 A1 20091202 - LG ELECTRONICS INC [KR]
• [XII] KR 20070053977 A 20070528 - SAMSUNG ELECTRONICS CO LTD [KR]

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