

Title (en)
METHOD FOR CONTROLLING A BRAKING OPERATION OF A DRIVE MOTOR OF A WASHING MACHINE AS WELL AS DRIVE DEVICE AND WASHING MACHINE

Title (de)
VERFAHREN ZUM STEUERN EINES BREMSVORGANGS EINES ANTRIEBSMOTORS EINER WASCHMASCHINE SOWIE ANTRIEBSVORRICHTUNG UND WASCHMASCHINE

Title (fr)
PROCÉDÉ POUR COMMANDER UN PROCESSUS DE FREINAGE D'UN MOTEUR D'ENTRAÎNEMENT DE LAVE-LINGE, DISPOSITIF D'ENTRAÎNEMENT ET LAVE-LINGE ASSOCIÉS

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Abstract (en)
[origin: WO2012049042A2] The invention relates to a method for controlling a braking operation of a drive motor (5) that drives a washing drum (3) of a washing machine (1). During the braking operation, a braking current IB, which is fed back due to an electric braking voltage induced by the drive motor (5), is at least intermittently guided to an ohmic resistance by closing an electric switch (31, 34, 37). A temperature T of the drive motor is determined, and a threshold value TG is defined for the temperature T. During the braking operation, the electric switch (31, 34, 37) is controlled such that the temperature T of the drive motor (5) remains below the defined threshold value TG. The ohmic resistance to which the braking current IB is guided is preferably formed by an ohmic resistance of a phase conductor (7, 8, 9) of a stator of the drive motor (5). According to the invention, a drive device (2) and a washing machine (1) are further provided.

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