

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

Publication  
**EP 2627814 A2 20130821 (DE)**

Application  
**EP 11764213 A 20111005**

Priority  
• DE 102010042487 A 20101015  
• EP 2011067346 W 20111005

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.

IPC 8 full level  
**D06F 33/47** (2020.01); **D06F 34/08** (2020.01); **D06F 37/30** (2006.01)

CPC (source: EP US)  
**D06F 33/47** (2020.02 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 37/304** (2013.01 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US)

Citation (search report)  
See references of WO 2012049042A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102010042487 A1 20120419**; CN 103298991 A 20130911; CN 103298991 B 20160330; EA 024508 B1 20160930; EA 201390517 A1 20131129; EP 2627814 A2 20130821; EP 2627814 B1 20200226; PL 2627814 T3 20200824; WO 2012049042 A2 20120419; WO 2012049042 A3 20130606

DOCDB simple family (application)  
**DE 102010042487 A 20101015**; CN 201180049840 A 20111005; EA 201390517 A 20111005; EP 11764213 A 20111005; EP 2011067346 W 20111005; PL 11764213 T 20111005