

Title (en)

WASHING MACHINE, AND METHOD AND PROGRAM FOR CONTROLLING DRUM ROTATION SPEED

Title (de)

WASCHMASCHINE SOWIE VERFAHREN UND PROGRAMM ZUR STEUERUNG DER TROMMELDREHZAHL

Title (fr)

MACHINE À LAVER, ET PROCÉDÉ ET PROGRAMME POUR COMMANDER UNE VITESSE DE ROTATION DE TAMBOUR

Publication

EP 2169102 A4 20120502 (EN)

Application

EP 08829000 A 20080903

Priority

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- JP 2007228520 A 20070904
- JP 2007281178 A 20071030

Abstract (en)

[origin: EP2169102A1] A washing machine includes a drum (1) for being rotated with laundry (10) loaded therein, a drum container (3) for accommodating the drum (1), and supported from a housing (5) by a resilient supporting mechanism (4), a motor (2) for rotating the drum (1), a vibration sensor (6) for sensing a vibration of the drum container (3), a frequency component calculator (7) for calculating a frequency component value of a vibration sensed by the vibration sensor (6), and an rpm controller (8) for varying an rpm of the motor (2) in response to the frequency component value. The foregoing structure allows preventing the laundry (10) from sticking to the inner wall of drum (1), thereby improving washing power of the washing machine.

IPC 8 full level

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CPC (source: EP US)

D06F 33/48 (2020.02 - EP US); **D06F 2103/26** (2020.02 - EP US); **D06F 2105/48** (2020.02 - EP US)

Citation (search report)

- [AD] JP 2006346270 A 20061228 - TOSHIBA CORP, et al
- [AP] JP 2008054960 A 20080313 - HITACHI APPLIANCES INC
- [A] JP H06254286 A 19940913 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2009031298A1

Cited by

US2011030150A1; US8631527B2; ITTO20121137A1; EP2746442A1; WO2017067716A1

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