

Title (en)
WASHING MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
MACHINE À LAVER

Publication
EP 2325366 A4 20120314 (EN)

Application
EP 09811249 A 20090828

Priority
• JP 2009004193 W 20090828
• JP 2008224415 A 20080902
• JP 2009140783 A 20090612

Abstract (en)
[origin: EP2325366A1] Elastic suspending portions (3) allowing accommodation tub (2) to be suspended from the upper side of cabinet (5) allow accommodation tub (2) to be suspended from symmetrical positions with respect to a rotation axis of drum (1). Vibration detecting unit (11) detecting a vibration of accommodation tub (2) detects a vibration of accommodation tub (2) in the front/rear direction. Rotation speed control unit (13) changes a rotation speed of motor (6) in accordance with the magnitude of the frequency component calculated by frequency component calculating unit (12) with respect to the vibration in the front/rear direction. Accordingly, the fabric state may be highly precisely detected, and the rotation speed of drum (1) may be controlled. As a result, the cleaning performance of the washing machine may be improved.

IPC 8 full level
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CPC (source: EP KR US)
D06F 25/00 (2013.01 - KR); **D06F 33/48** (2020.02 - EP KR US); **D06F 34/16** (2020.02 - EP KR US); **D06F 49/04** (2013.01 - KR); **D06F 2103/26** (2020.02 - EP KR US)

Citation (search report)
• [A] JP 2006346270 A 20061228 - TOSHIBA CORP, et al
• [A] JP 2008142231 A 20080626 - MATSUSHITA ELECTRIC IND CO LTD
• [A] JP 2006034755 A 20060209 - MATSUSHITA ELECTRIC IND CO LTD
• [AP] EP 2090686 A1 20090819 - PANASONIC CORP [JP]
• [A] EP 0716178 A2 19960612 - SHARP KK [JP]
• See references of WO 2010026719A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
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