

Title (en)

CONTROL OF VIBRATION IN A WASHING MACHINE

Title (de)

STEUERUNG DER VIBRATION IN EINER WASCHMASCHINE

Title (fr)

COMMANDE DE VIBRATION DANS UNE MACHINE À LAVER

Publication

**EP 3498906 A1 20190619 (EN)**

Application

**EP 17207616 A 20171215**

Priority

EP 17207616 A 20171215

Abstract (en)

The present disclosure relates to a system (100) for controlling vibration of a washing machine. The system comprises a drum (110) having a plurality of movable drum sections (111, 112, 113, 114, 115, 116, 117, 118), a plurality of driving units (201, 202, 203, 204, 205, 206, 207, 208) each of which is connected to each of the plurality of movable drum sections and configured to move a corresponding movable drum section, a plurality of weight sensors (301, 302, 303, 304, 305, 306, 307, 308) each of which is connected to each of the plurality of movable drum sections and configured to measure weight of content (403, 407) placed in the corresponding movable drum section, and a controller (500) configured to instruct at least one of the plurality of driving units to move radially the corresponding movable drum section based on the measured weight of content of each of the plurality of movable drum sections.

IPC 8 full level

**D06F 37/20** (2006.01); **D06F 34/16** (2020.01); **D06F 37/02** (2006.01)

CPC (source: EP US)

**D06F 33/48** (2020.02 - EP US); **D06F 34/16** (2020.02 - EP US); **D06F 37/02** (2013.01 - EP); **D06F 2103/26** (2020.02 - EP US)

Citation (search report)

- [A] JP 2007135812 A 20070607 - SAMSUNG ELECTRONICS CO LTD
- [A] CN 206553767 U 20171013 - ZHANG WEI
- [A] DE 102011083014 A1 20130321 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2006243002 A1 20061102 - WUNDERLICH DANIEL F [US]
- [A] GB 625926 A 19490706 - APPLIANCE CORP OF AMERICA
- [A] US 2530822 A 19501121 - KAHN LEO M

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)

**EP 3498906 A1 20190619**; TR 201722195 A1 20190722

DOCDB simple family (application)

**EP 17207616 A 20171215**; TR 201722195 A 20171227