

Title (en)

Laundry treatment device and method for controlling the operation of the same

Title (de)

Wäschebehandlungsvorrichtung und Verfahren zum Steuern des Betriebs einer Wäschebehandlungsvorrichtung

Title (fr)

Dispositif de traitement de linge et procédé de commande du fonctionnement d'un dispositif de traitement de linge

Publication

EP 2460921 A3 20121121 (DE)

Application

EP 11009353 A 20111125

Priority

DE 102010053104 A 20101201

Abstract (en)

[origin: EP2460921A2] The method involves determining a speed-dependent variable (n) for detecting imbalance over a predetermined time period (t). A phase angle of fluctuation of the variable is determined over the predetermined time period. The imbalance is concluded from a time course of the phase angle on the variable. The rotation speed of a rotatably arranged drum of a laundry treatment apparatus is controlled by a control device. The drum is accelerated on high speed when the detected imbalance falls below a critical value. An independent claim is also included for a laundry treatment apparatus comprising a rotatably arranged drum for receiving a laundry to be treated, and an automatic device.

IPC 8 full level

D06F 37/20 (2006.01); **D06F 37/22** (2006.01); **D06F 34/16** (2020.01)

CPC (source: EP US)

D06F 37/225 (2013.01 - EP US); **D06F 34/16** (2020.02 - EP US); **D06F 2103/26** (2020.02 - EP US)

Citation (search report)

- [AD] DE 19952464 C2 20020508 - MIELE & CIE [DE]
- [A] DE 4038178 A1 19920604 - TELEFUNKEN ELECTRONIC GMBH [DE]
- [A] WO 2007134926 A1 20071129 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

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 2460921 A2 20120606; **EP 2460921 A3 20121121**; **EP 2460921 B1 20131120**; DE 102010053104 A1 20120606;
DE 102010053104 B4 20121213; PL 2460921 T3 20140530

DOCDB simple family (application)

EP 11009353 A 20111125; DE 102010053104 A 20101201; PL 11009353 T 20111125