Title (en)

METHOD AND DEVICE FOR DETERMINING THE OPTIMAL ROTATIONAL SPEED OF A DRUM OF A LAUNDRY TREATMENT DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER OPTIMALEN DREHZAHL DER TROMMEL EINER WÄSCHEBEHANDLUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER LE RÉGIME OPTIMAL DU TAMBOUR D'UN DISPOSITIF DE TRAITEMENT DU LINGE

Publication

EP 2217752 A1 20100818 (DE)

Application

EP 08854348 A 20081028

Priority

- EP 2008064570 W 20081028
- DE 102007057331 A 20071128

Abstract (en)

[origin: US2010251487A1] A method for determining a target rotational speed below an application rotational speed of a washing drum of a laundry treatment device having a drive and a vibrating system, wherein a dependence of a mechanical effect on items to be washed located in the washing drum on the respective nominal speed of the washing drum is used to ascertain the target rotational speed at which the mechanical effect is at the greatest. The mechanical effect at a respective target rotational speed is ascertained by measuring vibrating system movements of the vibrating system which exhibit greater frequency than the respective target rotational speed. The rotational speed at which the maximum vibrating system movement was measured is selected for carrying out the washing care procedure. The advantage of such a method is that the washing mechanics can be increased, thus improving the cleaning efficiency.

IPC 8 full level

D06F 35/00 (2006.01); **D06F 33/02** (2006.01)

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)

See references of WO 2009068386A1

Cited by

EP4180561A1; DE102021212649A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2010251487 A1 20101007; **US 8726440 B2 20140520**; AT E503878 T1 20110415; CN 101878335 A 20101103; CN 101878335 B 20120418; DE 102007057331 A1 20090604; DE 502008003056 D1 20110512; EA 019987 B1 20140730; EA 201070643 A1 20101230; EP 2217752 A1 20100818; EP 2217752 B1 20110330; WO 2009068386 A1 20090604

DOCDB simple family (application)

US 74468908 A 20081028; AT 08854348 T 20081028; CN 200880118341 A 20081028; DE 102007057331 A 20071128; DE 502008003056 T 20081028; EA 201070643 A 20081028; EP 08854348 A 20081028; EP 2008064570 W 20081028