

Title (en)

LAUNDRY TREATMENT DEVICE, CONTROL METHOD AND APPARATUS THEREOF, AND STORAGE MEDIUM

Title (de)

WÄSCHEBEHANDLUNGSVORRICHTUNG, STEUERVERFAHREN UND VORRICHTUNG DAFÜR SOWIE SPEICHERMEDIUM

Title (fr)

DISPOSITIF DE TRAITEMENT DE LINGE, PROCÉDÉ DE COMMANDE ET APPAREIL CORRESPONDANT, ET SUPPORT DE STOCKAGE

Publication

**EP 4098788 A4 20230830 (EN)**

Application

**EP 20947353 A 20201104**

Priority

- CN 202010734599 A 20200727
- CN 2020126591 W 20201104

Abstract (en)

[origin: EP4098788A1] Disclosed in the present application are a laundry treatment device, a control method and apparatus thereof, and a storage medium. The control method comprises: controlling the laundry treatment device to carry out dehydration multiple times, wherein each dehydration ends when the rotating speed of an inner drum of the laundry treatment device returns to zero, and within a time interval between two adjacent dehydrations, the inner drum is controlled to rotate clockwise and counterclockwise alternately. Because the dehydration is performed multiple times in a dehydration stage, the dehydration time corresponding to each dehydration is shortened, so that the probability of the situation that the laundry is attached to the inner wall of the inner drum is reduced; each dehydration ends when the rotating speed of the inner drum of the laundry treatment device returns to zero, and within a time interval between two adjacent dehydrations, the inner drum is controlled to rotate clockwise and counterclockwise alternately, so that the laundry in the inner drum is shaken and untangled evenly, and the probability of the situation that the laundry is attached to the inner wall of the inner drum is further reduced. The phenomenon of attaching to the drum caused when the laundry is attached to the inner wall of the inner drum in the existing dehydration process is effectively improved, and the subsequent laundry drying is facilitated.

IPC 8 full level

**D06F 33/40** (2020.01); **D06F 25/00** (2006.01); **D06F 33/63** (2020.01); **D06F 103/68** (2020.01); **D06F 105/48** (2020.01)

CPC (source: CN EP)

**D06F 33/40** (2020.02 - CN EP); **D06F 33/63** (2020.02 - CN); **D06F 25/00** (2013.01 - EP); **D06F 33/63** (2020.02 - EP); **D06F 2103/68** (2020.02 - EP); **D06F 2105/48** (2020.02 - CN EP)

Citation (search report)

- [X1] WO 2013054744 A2 20130418 - SHARP KK [JP], et al
- [XA] CN 107313209 A 20171103 - GREE ELECTRIC APPLIANCES INC ZHUHAI
- See references of WO 2022021652A1

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

Designated validation state (EPC)

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