

Title (en)

CLOTHES CLASSIFYING STORAGE DEVICE, WASHING MACHINE, AND CONTROL METHOD THEREFOR

Title (de)

AUFBEWAHRUNGSVORRICHTUNG ZUR KLAFFIZIERUNG VON KLEIDERN, WASCHMASCHINE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE RANGEMENT PERMETTANT DE TRIER LE LINGE, MACHINE À LAVER ET PROCÉDÉ DE COMMANDE CORRESPONDANT

Publication

EP 3290579 A4 20181219 (EN)

Application

EP 16785960 A 20160429

Priority

- CN 201510218887 A 20150430
- CN 2016080656 W 20160429

Abstract (en)

[origin: EP3290579A1] Disclosed are a clothes classification and storage device, a washing machine and a control method therefor. The clothes classification and storage device includes a controller, a driving mechanism and at least two clothes accommodating parts, where the driving mechanism is configured to drive the clothes accommodating parts to move under control of the controller and deliver any one clothes accommodating part to a set position for clothes throwing. Meanwhile, a washing machine with the above clothes classification and storage device and a control method therefor are proposed. The clothes classification and storage device has at least two clothes accommodating parts, so that clothes to be separately washed can be classified and placed in different clothes accommodating parts by a user, and each clothes accommodating part can be delivered to the set position through the driving mechanism for clothes throwing, thereby realizing automatic classification and throwing of clothes.

IPC 8 full level

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D06F 2103/06 (2020.02 - EP KR US); **D06F 2105/44** (2020.02 - EP KR US); **D06F 2105/52** (2020.02 - EP KR US);
D06F 2105/58 (2020.02 - EP KR US)

Citation (search report)

- [XY] DE 3840521 A1 19900607 - HEINEMANN C A GMBH [DE]
- [XYI] CN 201873869 U 20110622 - KUNSHAN WEIYU METAL PRODUCTS CO LTD
- [XAYI] DE 102011075078 A1 20121108 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
- [XA] EP 2789730 A1 20141015 - KANNEGIESSER H GMBH CO [DE]
- [XA] JP 2001259300 A 20010925 - DENSO CORP
- [XA] CN 202482677 U 20121010 - SHANGHAI SAILSTAR MACHINERY GROUP CO LTD
- [XPA] CN 104818596 A 20150805 - SUZHOU SANTI INTELLIGENT TECHNOLOGY CO LTD
- [YA] CN 101328659 A 20081224 - NANJING LG PANDA APPLIANCES CO [CN]
- [A] GB 314478 A 19291010 - NAT MARKING MACH CO
- See references of WO 2016173532A1

Designated contracting state (EPC)

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