

Title (en)

LAUNDRY LIFTING DEVICE FOR WASHING MACHINE, CENTRIFUGAL DRAINAGE MECHANISM, AND WASHING MACHINE

Title (de)

WÄSCHEHEBEVORRICHTUNG FÜR WASCHMASCHINE, ZENTRIFUGALABFLUSSMECHANISMUS UND WASCHMASCHINE

Title (fr)

DISPOSITIF DE SOULÈVEMENT DE LINGE POUR MACHINE À LAVER, MÉCANISME DE VIDANGE CENTRIFUGE, ET MACHINE À LAVER

Publication

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Application

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Abstract (en)

[origin: EP4242367A1] The present invention discloses a laundry lifting device for a washing machine, a centrifugal drainage mechanism and a washing machine. The laundry lifting device comprises: a lifting shell internally provided with a cavity with an opening; and a centrifugal drainage mechanism installed inside the lifting shell, wherein an initial state of the centrifugal drainage mechanism is a closed state, and the centrifugal drainage mechanism can be operated for drainage under a centrifugal force. The cavity of the lifting shell is separated by an independently enclosed installation cavity, and the centrifugal drainage mechanism is at least partially installed in the installation cavity. As to the laundry lifting device of the present invention, the centrifugal drainage mechanism is installed in the enclosed installation cavity independently separated out in the lifting shell, so water flow inside the inner drum does not enter into the installation cavity. The centrifugal drainage mechanism is in an environment free of thread debris. Thereby the possibility of adhering and winding thread debris on the centrifugal drainage mechanism is fundamentally avoided, and the reliability of the centrifugal drainage mechanism is effectively ensured during operation.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] WO 2019042343 A1 20190307 - QINGDAO HAIER WASHING MACH CO [CN], et al
- [A] CN 111485374 A 20200804 - QINGDAO HAIER WASHING MACH CO, et al
- [A] CN 111691119 A 20200922 - HISENSE SHANDONG REFRIGERATOR CO LTD
- See also references of WO 2022095826A1

Designated contracting state (EPC)

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