

Title (en)
CLOTHES WASHING APPARATUS

Title (de)
WÄSCHEWASCHVORRICHTUNG

Title (fr)
APPAREIL DE LAVAGE DE VÊTEMENTS

Publication
EP 4187007 A1 20230531 (EN)

Application
EP 21854016 A 20210727

Priority
• CN 202010784225 A 20200806
• CN 2021108562 W 20210727

Abstract (en)
The present invention relates to the technical field of clothes washing and aims at solving the problems of easy bacterial growth and odor generation and secondary contamination on clothes to be subsequently washed, caused by an extremely damp interior of a cylinder assembly of a clothes washing apparatus after the clothes washing apparatus washes clothes. With this regard, the present invention provides a clothes washing apparatus, comprising a cylinder assembly, a clothes treatment agent dispensing box, and a water inlet pipe. An inlet of the water inlet pipe is communicated with the clothes treatment agent dispensing box, and an outlet of the water inlet pipe is communicated with the cylinder assembly. The clothes washing apparatus further comprises an air inlet pipe communicating the outside with the cylinder assembly and a water suction pipe connected to the water inlet pipe; the water suction pipe is connected to a drain pump of the clothes washing apparatus; an air inlet fan is provided in the air inlet pipe; the drain pump is configured to drain water in the water inlet pipe through the water suction pipe when the clothes washing apparatus executes a ventilation program. According to the present invention, residual water inside the cylinder assembly after clothes washing can be air-dried to avoid bacterial growth and odor generation and secondary contamination on clothes during subsequent clothes washing, thus improving user experience.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 39/08** (2006.01)

CPC (source: CN EP)
D06F 35/008 (2013.01 - CN EP); **D06F 39/06** (2013.01 - CN); **D06F 39/088** (2013.01 - CN); **D06F 39/02** (2013.01 - EP); **D06F 39/06** (2013.01 - EP); **D06F 39/088** (2013.01 - EP)

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)
KH MA MD TN

DOCDB simple family (publication)
EP 4187007 A1 20230531; **EP 4187007 A4 20230920**; CN 114059292 A 20220218; WO 2022028272 A1 20220210

DOCDB simple family (application)
EP 21854016 A 20210727; CN 202010784225 A 20200806; CN 2021108562 W 20210727