

Title (en)

DRAWER-TYPE LAUNDRY TREATING DEVICE AND COMPOSITE WASHING MACHINE

Title (de)

SCHUBLADENARTIGE WÄSCHEBEHANDLUNGSVORRICHTUNG UND ZUSAMMENGESETZTE WASCHMASCHINE

Title (fr)

DISPOSITIF DE TRAITEMENT DU LINGE DE TYPE TIROIR ET MACHINE À LAVER COMPOSITE

Publication

EP 3812503 A1 20210428 (EN)

Application

EP 20199826 A 20201002

Priority

CN 201911014539 A 20191024

Abstract (en)

A drawer-type laundry treating device (100) and a composite washing machine. The drawer-type laundry treating device includes a fixed portion (101) and a moving portion (102). The fixed portion (101) is adapted to accommodate and support the moving portion (102), and the moving portion (102) is adapted to move at least partially outside the fixed portion (101) relative to the fixed portion (101). The moving portion (102) includes a body (103) with a cavity (104) and a movable plate (105) disposed above the body (103). The drawer-type laundry treating device includes a mechanical transmission portion (106) adapted to cause the movable plate (105) to vertically move upwards to expose the cavity (104) when the body (103) horizontally moves outwards relative to the fixed portion (101) and cause the movable plate (105) to vertically move downwards to seal the cavity (104) when the body (103) horizontally moves inwards relative to the fixed portion (101). The embodiments of this application can increase a cross-sectional area for putting in or taking out laundry, avoid inconvenience caused by manually opening and closing the door when an existing drawer-type washing device is operated, and effectively seal the cavity.

IPC 8 full level

D06F 39/14 (2006.01); **D06F 29/00** (2006.01); **D06F 37/28** (2006.01)

CPC (source: CN EP)

D06F 18/00 (2013.01 - CN); **D06F 37/261** (2013.01 - CN); **D06F 37/30** (2013.01 - CN); **D06F 39/14** (2013.01 - EP); **D06F 58/10** (2013.01 - CN); **D06F 58/20** (2013.01 - CN); **D06F 29/00** (2013.01 - EP); **D06F 37/28** (2013.01 - EP)

Citation (applicant)

- CN 105624964 A 20160601 - QINGDAO HAIER WASHING MACH CO
- CN 101617077 A 20091230 - LG ELECTRONICS INC
- CN 105177917 A 20151223 - LG ELECTRONICS INC

Citation (search report)

- [XAY] WO 2010131883 A2 20101118 - LG ELECTRONICS INC [KR], et al
- [XA] KR 20090102413 A 20090930 - LG ELECTRONICS INC [KR]
- [A] EP 3508645 A1 20190710 - WUXI LITTLE SWAN CO LTD [CN]
- [Y] US 2012306334 A1 20121206 - COSGROVE MATTHEW [NZ]

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CN115288584A

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

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DOCDB simple family (application)

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