

Title (en)  
WASHING DEVICE

Title (de)  
WASCHVORRICHTUNG

Title (fr)  
DISPOSITIF DE LAVAGE

Publication  
**EP 2716806 A4 20150121 (EN)**

Application  
**EP 12793901 A 20120518**

Priority

- KR 20110052133 A 20110531
- KR 20110053726 A 20110603
- KR 20110053727 A 20110603
- KR 20110054431 A 20110607
- KR 20110056699 A 20110613
- KR 20110056700 A 20110613
- KR 2012003927 W 20120518

Abstract (en)  
[origin: EP2716806A2] The present invention relates to a washing device. The washing device comprises: a case; a tub supported by the case, the tub having a laundry entrance hole for taking laundry in or out in a front portion thereof and an external-air inflow hole for introducing external air therethrough; an external-air inflow tube passing through the case and connected to the external-air inflow hole so as to guide the external air outside the case into the external-air inflow hole; a drum having a laundry entrance hole corresponding to the laundry entrance hole of the tub, the drum being rotatably installed within the tub; a shaft connected to a rear portion of the drum; a bearing housing rotatably supporting the shaft; and a suspension assembly for decreasing the vibration of the drum and of a driving part comprising a motor for rotating the shaft. Thus, the washing device may be structured for increased washing capacity, and a pressurized environment within the tub may be improved so as to prevent the drum from being moved forward.

IPC 8 full level  
**D06F 37/22** (2006.01); **D06F 25/00** (2006.01); **D06F 33/02** (2006.01); **D06F 35/00** (2006.01); **D06F 37/04** (2006.01); **D06F 39/00** (2006.01)

CPC (source: CN EP US)  
**D06F 37/22** (2013.01 - CN EP US); **D06F 37/267** (2013.01 - CN); **D06F 39/06** (2013.01 - CN EP US)

Citation (search report)

- [XYI] KR 20100080474 A 20100708 - LG ELECTRONICS INC [KR]
- [XYI] DE 4222736 A1 19940113 - MIELE & CIE [DE]
- [I] WO 2010095902 A2 20100826 - LG ELECTRONICS INC [KR], et al
- [A] KR 20090114602 A 20091104 - LG ELECTRONICS INC [KR]
- [A] KR 20020069852 A 20020905 - LG ELECTRONICS INC [KR]
- [A] EP 1710339 A1 20061011 - LG ELECTRONICS INC [KR]
- See references of WO 2012165785A2

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

DOCDB simple family (publication)  
**EP 2716806 A2 20140409; EP 2716806 A4 20150121**; CN 103649401 A 20140319; US 2014123712 A1 20140508; WO 2012165785 A2 20121206; WO 2012165785 A3 20130207

DOCDB simple family (application)  
**EP 12793901 A 20120518**; CN 201280032428 A 20120518; KR 2012003927 W 20120518; US 201214123344 A 20120518