

Title (en)

Washing machine and laundry amount detection apparatus thereof

Title (de)

Waschmaschine und Vorrichtung zur Erkennung der Wäschemenge dafür

Title (fr)

Machine à laver et son appareil pour la détection de la quantité de linge

Publication

EP 2363525 A3 20130605 (EN)

Application

EP 11155912 A 20110225

Priority

KR 20100019765 A 20100305

Abstract (en)

[origin: EP2363525A2] Disclosed herein are a washing machine that amplifies the displacement of a tub according to input of laundry such that the displacement of the tub is accurately sensed by a sensor module and a laundry amount detection apparatus thereof. The washing machine includes a housing forming an external appearance thereof, a tub provided in the housing to contain water, an amplification unit to amplify displacement of the tub, and a sensor module to sense weight of laundry using the amplified displacement of the tub.

IPC 8 full level

D06F 39/00 (2006.01)

CPC (source: EP KR US)

D06F 34/18 (2020.02 - EP KR US); **D06F 34/20** (2020.02 - KR); **D06F 37/26** (2013.01 - KR); **D06F 2103/04** (2020.02 - EP KR US); **D06F 2103/44** (2020.02 - KR)

Citation (search report)

- [X] EP 1988206 A1 20081105 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 1264925 A2 20021211 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 0984092 A1 20000308 - MIELE & CIE [DE]

Cited by

EP2322706A3

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

DOCDB simple family (publication)

EP 2363525 A2 20110907; **EP 2363525 A3 20130605**; CN 102191656 A 20110921; KR 20110100768 A 20110915; US 2011214457 A1 20110908

DOCDB simple family (application)

EP 11155912 A 20110225; CN 201110057273 A 20110304; KR 20100019765 A 20100305; US 201113034351 A 20110224