

Title (en)  
Front-loading-type washing machine

Title (de)  
Frontlader-Waschmaschine

Title (fr)  
Machine à laver à chargement frontal

Publication  
**EP 2848727 A1 20150318 (EN)**

Application  
**EP 14172326 A 20140613**

Priority  
JP 2013175303 A 20130827

Abstract (en)  
There is provided a front-loading-type washing machine (50) including a rotary drum (12) that is formed in a bottomed cylindrical shape and accommodates laundry, a water tub (13) that rotatably includes the rotary drum, and a motor (14) that rotatably drives the rotary drum. In addition, the front-loading-type washing machine includes a housing that elastically supports the water tub so as to be swingable, a laundry loading port (16) that is formed in the housing, a door body (11) that opens and closes the laundry loading port, and a loading port frame (28) that is formed in the housing near an outer periphery of the door body in a closed state of the door body. Furthermore, the door body is configured to have an opening and closing shaft (26) on a further inner side than the outer periphery of the door body, and the door body has a convex portion (30) protruding further outward than the outer periphery of the door body, on the outer periphery of the door body near the opening and closing shaft. In addition, the loading port frame has a concave portion (29) formed so as not to interfere with the convex portion.

IPC 8 full level  
**D06F 39/14** (2006.01)

CPC (source: CN EP US)  
**D06F 37/42** (2013.01 - CN EP US); **D06F 39/14** (2013.01 - CN EP US)

Citation (applicant)  
JP 2013103055 A 20130530 - PANASONIC CORP

Citation (search report)  
• [X] EP 2402499 A1 20120104 - PANASONIC CORP [JP]  
• [XA] EP 2568072 A1 20130313 - PANASONIC CORP [JP]

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 2848727 A1 20150318**; **EP 2848727 B1 20170809**; CN 104420115 A 20150318; CN 104420115 B 20160817; JP 2015043800 A 20150312; JP 6123075 B2 20170510

DOCDB simple family (application)  
**EP 14172326 A 20140613**; CN 201410364053 A 20140728; JP 2013175303 A 20130827