

Title (en)
DEVICE AND WASHING MACHINE

Title (de)
VORRICHTUNG UND WASCHMASCHINE

Title (fr)
DISPOSITIF ET MACHINE À LAVER

Publication
EP 3103912 B1 20181107 (EN)

Application
EP 14881027 A 20141231

Priority
• JP 2014014723 A 20140129
• CN 2014095748 W 20141231

Abstract (en)
[origin: EP3103912A1] The present disclosure provides a device and a washing machine having the device. The device is configured to draw water accumulated in a washing tank and splash the water onto laundry in the washing tank, and can lower difficulty in arranging a structure for splashing all the water onto the laundry. The device (1) includes: a main body (12) mounted on an inner circumferential face (5E) of the washing tank (5); an intake port (13) provided at a lower end portion (12C) of the main body (12); a waterway (15); and an exhaust port (14) provided on a surface (12B) of an upper end portion (12D) of the main body (12). Water introduced by the intake port (13) into the washing tank (5) is guided through the waterway (15) so as to be exhausted from the exhaust port (14) and splashed onto laundry (S) in the washing tank (5). The exhaust port (14) is relatively long in a circumferential direction Y of the inner circumferential face (5E), a top-to-bottom width of the exhaust port (14) in the middle is narrower than that at both ends in the circumferential direction Y, and a groove (21) on the surface (12B) of the main body (12) is adjacently arranged on two outer sides of the exhaust port (14) in the circumferential direction Y.

IPC 8 full level
D06F 39/08 (2006.01); **D06F 23/04** (2006.01); **D06F 37/12** (2006.01)

CPC (source: EP KR US)
D06F 23/04 (2013.01 - EP KR US); **D06F 37/12** (2013.01 - EP KR US); **D06F 37/26** (2013.01 - KR); **D06F 39/083** (2013.01 - EP KR US); **D06F 39/088** (2013.01 - EP KR US)

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 3103912 A1 20161214; **EP 3103912 A4 20170830**; **EP 3103912 B1 20181107**; CN 105765125 A 20160713; CN 105765125 B 20170926; JP 2015139600 A 20150803; KR 20160111527 A 20160926; US 2017051448 A1 20170223; WO 2015113449 A1 20150806

DOCDB simple family (application)
EP 14881027 A 20141231; CN 2014095748 W 20141231; CN 201480062452 A 20141231; JP 2014014723 A 20140129; KR 20167023780 A 20141231; US 201415114713 A 20141231