

Title (en)
MULTI-PURPOSE CLEANING DEVICE

Title (de)
MEHRZWECKREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE POLYVALENT

Publication
EP 3091111 A4 20170830 (EN)

Application
EP 13900269 A 20131226

Priority
• KR 20130162981 A 20131224
• KR 2013012196 W 20131226

Abstract (en)
[origin: EP3091111A1] The present invention provides a multi-purpose cleaning device including a first body having a washing space in which the laundry is washed, a water supply unit supplying water to the space, a second body installed above the first body and including an accommodation space accommodating water and an opening area allowing water to flow to the washing space therethrough, a cover unit covering the opening area to implement a first state in which water is pooled in the second body and exposing the opening area to implement a second state in which water and the laundry to pass therethrough, and a controller controlling the first and second bodies and the cover unit on the basis of a control command input from the outside.

IPC 8 full level
D06F 33/02 (2006.01); **D06F 39/12** (2006.01)

CPC (source: EP RU US)
D06F 23/04 (2013.01 - EP US); **D06F 39/14** (2013.01 - EP RU US)

Citation (search report)
• [XA] KR 100220751 B1 19990915 - SAMSUNG ELECTRONICS CO LTD [KR]
• [A] KR 200360443 Y1 20040830
• [A] FR 1496590 A 19670929 - INTEFI TRUST REG
• [A] JP S57153690 A 19820922 - MATSUSHITA ELECTRIC IND CO LTD
• [A] CN 202000137 U 20111005 - WEI YU
• See references of WO 2015099228A1

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 3091111 A1 20161109; EP 3091111 A4 20170830; EP 3091111 B1 20181128; AU 2013408947 A1 20160721; AU 2013408947 B2 20190228; BR 112016014753 A2 20170808; BR 112016014753 B1 20210727; CN 105849330 A 20160810; CN 105849330 B 20171208; JP 2017500953 A 20170112; JP 6400711 B2 20181003; KR 102109747 B1 20200512; KR 20150074830 A 20150702; MX 2016008316 A 20160908; MX 355701 B 20180427; RU 2643137 C1 20180130; US 2016319475 A1 20161103; US 2019338454 A1 20191107; WO 2015099228 A1 20150702

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