

Title (en)
DRUM-TYPE WASHING MACHINE

Title (de)
TROMMELWASCHMASCHINE

Title (fr)
MACHINE À LAVER DU TYPE À TAMBOUR

Publication
EP 2653601 A4 20140910 (EN)

Application
EP 12750042 A 20120221

Priority
• JP 2011036747 A 20110223
• JP 2012001140 W 20120221

Abstract (en)
[origin: EP2653601A1] A front-loading-type washing machine of the invention is equipped with a water tub, a detergent supply device, a first water supply valve that supplies washing water to the detergent supply device, a water supply connecting pipe that connects the water tub and the detergent supply device and is equipped with a backflow preventing portion, a water tub air vent pipe that connects the water tub and the detergent supply device, and a control device that controls at least steps of washing, rinsing, and spin-drying. The detergent supply device has a first water supply passage that guides the washing water from the first water supply valve, and a water tub air vent connecting portion that is connected to the water tub air vent pipe, and the first water supply passage and the water tub air vent connecting portion are configured to communicate with each other.

IPC 8 full level
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CPC (source: EP US)
D06F 39/02 (2013.01 - EP US); **D06F 39/088** (2013.01 - EP US)

Citation (search report)
• [X] DE 29516998 U1 19951221 - ZANUSSI ELETTRODOMESTICI [IT]
• [XA] JP 2007068801 A 20070322 - MATSUSHITA ELECTRIC IND CO LTD
• [A] EP 2241669 A1 20101020 - ELECTROLUX HOME PROD CORP [BE]
• [A] WO 03057970 A1 20030717 - LG ELECTRONICS INC [KR], et al
• See references of WO 2012114722A1

Cited by
EP3358067A4; EP2865801A1; US11186936B2; US11220777B2; WO2015065301A1; WO2015058943A1

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)
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EP 12750042 A 20120221; CN 201280002312 A 20120221; JP 2011036747 A 20110223; JP 2012001140 W 20120221; SI 201230533 A 20120221