

Title (en)  
DRUM-TYPE WASHING MACHINE

Title (de)  
TROMMELWASCHMASCHINE

Title (fr)  
MACHINE À LAVER À TAMBOUR

Publication  
**EP 2679717 A4 20140709 (EN)**

Application  
**EP 12749072 A 20120223**

Priority  
• JP 2011036754 A 20110223  
• JP 2012001234 W 20120223

Abstract (en)  
[origin: EP2679717A1] An air trap 74 is integrated with a water tank 42 in a side wall part of an outer periphery on the rear side of a bottom of the water tank 42, and has an opening 88 on the lower side, a water level detection tube 87 integrally formed on the one end side of a drainage tube 64 which is connected to a drainage port 85 formed in the bottom of the water tank 42 communicates with the air trap 74 at the opening 88, the drainage tube 64 is connected to a case connection port 89 of a filter case 83, and the air trap 74, the water level detection tube 87, the drainage port 85, the drainage tube 64, and the case connection port 89 are substantially horizontally arranged. Thus, a drainage water flow is straightened and foreign substances such as lint contained in washing water do not easily flow into the air trap 74, so that a water level in the water tank 42 is stabilized.

IPC 8 full level  
**D06F 39/08** (2006.01); **D06F 37/26** (2006.01); **D06F 39/10** (2006.01)

CPC (source: EP US)  
**D06F 37/262** (2013.01 - EP); **D06F 39/083** (2013.01 - EP US); **D06F 39/087** (2013.01 - EP US); **D06F 39/10** (2013.01 - EP US)

Citation (search report)  
• [IY] US 2004148971 A1 20040805 - NO YANG HWAN [KR], et al  
• [YA] GB 2236332 A 19910403 - TOSHIBA KK [JP], et al  
• [I] US 4168615 A 19790925 - CONDIT ROBERT E  
• [I] US 4066094 A 19780103 - STITCH RICHARD C  
• [I] US 2005097924 A1 20050512 - KIM JAE M [KR], et al  
• [A] JP 2010136740 A 20100624 - PANASONIC CORP  
• [A] EP 0885993 A1 19981223 - ELECTROLUX ZANUSSI ELETTRODOME [IT]  
• [A] JP 2006255317 A 20060928 - SHARP KK  
• [A] EP 0247918 A1 19871202 - CIAPEM [FR]  
• [AD] JP 2005137645 A 20050602 - MATSUSHITA ELECTRIC IND CO LTD  
• See references of WO 2012114753A1

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 2679717 A1 20140101**; **EP 2679717 A4 20140709**; CN 102844489 A 20121226; CN 102844489 B 20150204; JP 2012170697 A 20120910; JP 6074690 B2 20170208; WO 2012114753 A1 20120830

DOCDB simple family (application)  
**EP 12749072 A 20120223**; CN 201280001112 A 20120223; JP 2011036754 A 20110223; JP 2012001234 W 20120223