

Title (en)
DISHWASHER

Title (de)
GESCHIRRSPÜLER

Title (fr)
LAVE-VAISSELLE

Publication
EP 2599423 A4 20130605 (EN)

Application
EP 11812010 A 20110720

Priority
• JP 2010170007 A 20100729
• JP 2011004088 W 20110720

Abstract (en)
[origin: EP2599423A1] A dishwasher includes a washing tub for accommodating an item to be washed; a washing section for washing the item to be washed in the washing tub; a water feeding device for feeding washing water into the washing tub; a draining device for discharging the washing water from the washing tub to outside the dishwasher; and a drainage path arranged in communication with the draining device. Also provided are a turbidity detecting unit arranged in the drainage path and for detecting information related to the turbidity of the washing water in the drainage path; and a control unit for changing an operation condition of the washing section according to the information related to the turbidity of the washing water detected by the turbidity detecting unit, and performing control. At the start of the operation, the control unit compares values detected by the turbidity detecting unit in a water-absent state and in a water-present state after the water is fed by the water feeding device. Whether or not to adopt the value detected by the turbidity detecting unit in the water-present state as a reference value of the information related to the turbidity of the washing water then can be determined.

IPC 8 full level
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CPC (source: EP KR)
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A47L 2501/30 (2013.01 - EP)

Citation (search report)
• [Y] US 5545259 A 19960813 - SUZUKI HAJIME [JP], et al
• [Y] JP H04319329 A 19921110 - MITSUBISHI ELECTRIC CORP
• [A] US 2005000544 A1 20050106 - CHO IN HAENG [KR], et al
• [A] US 4653294 A 19870331 - AKINAGA NORIMASA [JP]
• [A] JP H04279136 A 19921005 - MITSUBISHI ELECTRIC CORP
• [A] EP 1929919 A2 20080611 - SAMSUNG ELECTRONICS CO LTD [KR]
• See references of WO 2012014408A1

Cited by
CN104921683A

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

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EP 2599423 A1 20130605; **EP 2599423 A4 20130605**; CN 103037748 A 20130410; CN 103037748 B 20150304; JP 2012029748 A 20120216;
JP 5257419 B2 20130807; KR 101434120 B1 20140922; KR 20130033419 A 20130403; TW 201208630 A 20120301; TW I454240 B 20141001;
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EP 11812010 A 20110720; CN 201180037333 A 20110720; JP 2010170007 A 20100729; JP 2011004088 W 20110720;
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