

Title (en)

ELECTRONIC GREYWATER REUSING WASHING MACHINE

Title (de)

ELEKTRONISCHE WASCHMASCHINE MIT WIEDERVERWENDUNG VON SCHMUTZWASSER

Title (fr)

MACHINE A LAVER ELECTRONIQUE REUTILISANT DES EAUX MÉNAGÈRES

Publication

EP 1979522 A2 20081015 (EN)

Application

EP 07705403 A 20070117

Priority

- HU 2007000003 W 20070117
- HU P0600039 A 20060118

Abstract (en)

[origin: US2010126233A1] The subject of the invention is a fully electronic grey water reusing washing machine recycling the greywater produced in the household for toilet flushing, which replaces the mechanical technical solution using mechanically moving parts as floating buoys (6, B6) provided with actuating shafts (15, B15) as its immediate antecedent forerunner by a completely electronically functioning technical solution, wherein the ECU of the washing machine carries out the tasks of storing, treating and feeding the greywater to flush the toilet by commanding electronic water valves (B4, D4, 7, B8) on basis of the signals received from the electronic water sensors (S1, S2, S3, Sn/F1, F2, F3, . . . Fn) mounted in the greywater and freshwater tanks respectively, while using one single greywater tank on the washer.

IPC 8 full level

D06F 39/00 (2006.01); **E03B 1/04** (2006.01); **E03D 5/00** (2006.01)

CPC (source: EP KR US)

D06F 33/46 (2020.02 - KR US); **D06F 39/006** (2024.01 - KR); **D06F 39/20** (2024.01 - EP US); **E03B 1/04** (2013.01 - EP US); **E03B 1/041** (2013.01 - KR); **E03B 1/042** (2013.01 - EP US); **E03B 7/07** (2013.01 - KR); **E03C 1/01** (2013.01 - KR); **E03D 5/003** (2013.01 - EP US); **E03B 2001/045** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010126233 A1 20100527; EP 1979522 A2 20081015; HU 0600039 D0 20060328; HU P0600039 A2 20070730; JP 2009523935 A 20090625; KR 20080098027 A 20081106; WO 2007083172 A2 20070726; WO 2007083172 A3 20070907; WO 2007083172 B1 20071122

DOCDB simple family (application)

US 16125707 A 20070117; EP 07705403 A 20070117; HU 2007000003 W 20070117; HU P0600039 A 20060118; JP 2008550860 A 20070117; KR 20087019596 A 20080811