

Title (en)  
AN ELECTRONICALLY CONTROLLED FLUSHING SYSTEM

Title (de)  
ELEKTRONISCH GESTEUERTES SPÜLSYSTEM

Title (fr)  
SYSTÈME DE CHASSE D'EAU À COMMANDE ÉLECTRONIQUE

Publication  
**EP 3559385 A4 20200805 (EN)**

Application  
**EP 17906958 A 20171213**

Priority  
• TR 201619158 A 20161221  
• TR 2017050657 W 20171213

Abstract (en)  
[origin: WO2018199868A2] The electronically controlled flushing system developed according to the present invention comprises the reservoir (H) where the water (S) is stored; the opening (H1) through which the water (S) within the reservoir (H) is delivered into the toilet bowl; the cover (H2) regulating the passage of water through the opening (H1); the control member, which regulates the open/closed position of the cover (H2); the metal strip plates (P), which are positioned on a wall of the reservoir (H) in such a way that they face one another and that the water (S) remains between and contact them, one of said metal strip plates being positively charged and the other being negatively charged so that they have charge magnitudes equal to one another, wherein a first capacitance forms upon the contact of the water (S) with the metal strip plates and wherein the first capacitance changes with the water (S) height changing between the metal strip plates; the control unit connected to the strip plates (P), for enabling the capacitance to form between the strip plates (P), for recording the maximum water level such that the height corresponding to one side of the strip plates (P) is equal to the maximum water (S) level possible to be present within the reservoir (H), for measuring the capacitance between the strip plates (P) and determining the water level according to predetermined periods and for comparing the determined water level to the maximum water level to control and regulate the operation of the flushing system (F); and the control panel (K), which comprises the indicator (K1) for informing the user about the operational status of the flushing system (F).

IPC 8 full level  
**E03D 5/10** (2006.01); **E03D 1/00** (2006.01); **E03D 1/14** (2006.01); **E03D 1/32** (2006.01); **E03D 1/34** (2006.01); **G01F 23/26** (2006.01)

CPC (source: EP)  
**E03D 1/00** (2013.01); **E03D 1/142** (2013.01); **E03D 1/32** (2013.01); **E03D 1/34** (2013.01); **E03D 5/10** (2013.01); **G01F 23/263** (2013.01); **G01F 23/268** (2013.01); **E03D 2001/147** (2013.01); **E03D 2201/00** (2013.01)

Citation (search report)  
• [XYI] AT 506791 A4 20091215 - WIMBERGER HERBERT [AT]  
• [XI] US 2009282610 A1 20091119 - RACHWAL ERVIN J [US]  
• [Y] US 2010242160 A1 20100930 - CANFIELD ERIC L [US], et al  
• [A] WO 2016140417 A1 20160909 - ECOSYS CO LTD [KR]  
• [A] EP 2210988 A2 20100728 - VIEGA GMBH & CO KG [DE]  
• See references of WO 2018199868A2

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)  
**WO 2018199868 A2 20181101**; **WO 2018199868 A3 20190117**; EP 3559385 A2 20191030; EP 3559385 A4 20200805;  
TR 201619158 A1 20180723

DOCDB simple family (application)  
**TR 2017050657 W 20171213**; EP 17906958 A 20171213; TR 201619158 A 20161221