

Title (en)

TOILET FLUSH WATER OPENING DEVICE PROVIDED WITH AN ELECTROHYDRAULIC ACTUATOR

Title (de)

VORRICHTUNG ZUR FREIGABE VON TOILETTENSPÜLWASSER MIT EINEM ELEKTROHYDRAULISCHEN STELLGLIED

Title (fr)

DISPOSITIF D'OUVERTURE DE CHASSE D'EAU DE TOILETTES COMPORTANT UN ACTIONNEUR ELECTRO-HYDRAULIQUE

Publication

EP 1941106 A1 20080709 (FR)

Application

EP 06807489 A 20061024

Priority

- EP 2006067685 W 20061024
- FR 0553292 A 20051028

Abstract (en)

[origin: WO2007048775A1] The invention relates to a toilet flush water opening device (10) consisting of a water tank (12) comprising a lower discharge orifice (14) and a vertically movable discharge valve (16) which is associated to said orifice (14) and is displaceable between the lower closed position for retaining water in the tank (12) and the top open position for discharging water to a toilet bowl. The inventive device is characterised in that the valve (16) is displaceable from the lower to the top position thereof by means of an electrohydraulic actuator (18) which comprises a controllable solenoid valve (20) and a hydraulic expansible device (22) supplied by pressurised water through (20) the solenoid valve in such a way that the valve (16) is moved from the lower closed position to the top open position thereof.

IPC 8 full level

E03D 5/02 (2006.01); **E03D 5/10** (2006.01)

CPC (source: EP US)

E03D 5/024 (2013.01 - EP US); **E03D 5/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2007048775A1

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)

WO 2007048775 A1 20070503; CN 101297084 A 20081029; CN 101297084 B 20120627; EP 1941106 A1 20080709; FR 2892737 A1 20070504; FR 2892737 B1 20090717; US 2008229489 A1 20080925; US 7581263 B2 20090901

DOCDB simple family (application)

EP 2006067685 W 20061024; CN 200680040087 A 20061024; EP 06807489 A 20061024; FR 0553292 A 20051028; US 9189806 A 20061024