

Title (en)
TOILET WATER TANK AND TUBE PRESSURE VALVE

Title (de)
TOILETTENWASSERTANK UND ROHRDRUCKVENTIL

Title (fr)
RÉSERVOIR D'EAU DE TOILETTES ET SOUPAPE DE PRESSION DE TUBE

Publication
EP 3252240 A1 20171206 (EN)

Application
EP 15827366 A 20150727

Priority

- CN 201410374249 A 20140727
- CN 201410374250 A 20140727
- CN 201410378396 A 20140729
- CN 201410472104 A 20140915
- CN 201410510590 A 20140929
- CN 201510071012 A 20150209
- CN 2015000536 W 20150727

Abstract (en)

A toilet water tank includes a sealed pressure cylinder barrel (54), a piston (55), a piston rod (56) that penetrates through one end of the cylinder barrel (54), a first water inlet pipe (52), a second water inlet pipe (50), and a water outlet pipe (40), where the first water inlet pipe (52) and the second water inlet pipe (50) are located at two sides of the cylinder barrel piston and are both in communication with a pressurized water inlet main channel (53); the first water inlet pipe (52) is also a cylinder barrel water outlet pipe, and water inlet and outlet functions are alternatively applied; and a pressure valve is provided on each of the second water inlet pipe (50) and the water outlet pipe (40). Further provided is a toilet pipe pressure valve. The toilet water tank in this application has a simple structure.

IPC 8 full level
E03D 3/10 (2006.01); **E03D 1/34** (2006.01)

CPC (source: EP)
E03D 1/34 (2013.01); **E03D 3/10** (2013.01)

Citation (search report)
See references of WO 2016015452A1

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 3252240 A1 20171206; WO 2016015452 A1 20160204

DOCDB simple family (application)
EP 15827366 A 20150727; CN 2015000536 W 20150727