

Title (en)

IMPROVED TOILET FLUSHING SYSTEM

Title (de)

VERBESSERTES TOILETTENSPÜLSYSTEM

Title (fr)

CHASSE D'EAU AMÉLIORÉE POUR TOILETTES

Publication

**EP 4022138 A1 20220706 (EN)**

Application

**EP 20851049 A 20200806**

Priority

- US 201916533776 A 20190806
- US 2020045277 W 20200806
- US 201862714766 P 20180806

Abstract (en)

[origin: US2020071919A1] This invention eliminates the wastage of water from the toilet flushing systems and also solves the problems that commonly exist in the toilet systems today. It uses a leak trap system that shuts down incoming water in case of a leak in the flushing system. It provides a simple and cost effective solution.

IPC 8 full level

**E03D 1/24** (2006.01); **E03D 1/30** (2006.01)

CPC (source: EP US)

**E03D 1/00** (2013.01 - EP); **E03D 1/14** (2013.01 - EP); **E03D 1/20** (2013.01 - US); **E03D 1/26** (2013.01 - EP); **E03D 1/30** (2013.01 - US);  
**E03D 1/32** (2013.01 - EP); **E03D 1/33** (2013.01 - EP US); **E03D 5/026** (2013.01 - EP US); **E03D 11/11** (2013.01 - US); **E03D 1/20** (2013.01 - EP);  
**E03D 5/09** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2020071919 A1 20200305**; CA 3146926 A1 20210211; CN 217630292 U 20221021; EP 4022138 A1 20220706; EP 4022138 A4 20221130;  
JP 2022546200 A 20221104; US 2022298769 A1 20220922; WO 2021026389 A1 20210211

DOCDB simple family (application)

**US 201916533776 A 20190806**; CA 3146926 A 20200806; CN 202090000793 U 20200806; EP 20851049 A 20200806;  
JP 2022505224 A 20200806; US 2020045277 W 20200806; US 202017633037 A 20200806