

Title (en)

SELF-CLEANING TOILET ASSEMBLY AND SYSTEM

Title (de)

ANORDNUNG UND SYSTEM FÜR EINE SELBSTREINIGENDE TOILETTE

Title (fr)

ENSEMBLE ET SYSTÈME DE TOILETTES AUTONETTOYANTES

Publication

EP 3359752 A1 20180815 (EN)

Application

EP 16854548 A 20161010

Priority

- US 201562239841 P 20151009
- US 2016056311 W 20161010

Abstract (en)

[origin: WO2017062968A1] Toilet assemblies having various embodiments of a cleaning system are described herein which include a toilet assembly and a cleaning system. The toilet assembly has a toilet bowl, a toilet tank, a flush valve, a rim inlet port and a rim flow path (which may be an isolated rim path) extending from an outlet of the flush valve to the rim inlet port. The cleaning system has a reservoir for holding a liquid cleaning agent having an outlet port in fluid communication with the interior space of the reservoir body; a housing to receive the reservoir; a supply conduit in fluid communication with the interior of the reservoir; a flow control device capable of controlling flow through the supply conduit; and a control system activatable by an actuator feature, wherein upon activation of the actuator feature, the control system is adapted to initiate a clean cycle.

IPC 8 full level

E03D 9/00 (2006.01); **E03D 9/02** (2006.01); **E03D 9/03** (2006.01); **E03D 11/00** (2006.01); **E03D 11/02** (2006.01)

CPC (source: EP KR)

E03D 1/012 (2013.01 - KR); **E03D 1/34** (2013.01 - KR); **E03D 9/03** (2013.01 - EP); **E03D 9/035** (2013.01 - KR); **E03D 2009/028** (2013.01 - KR)

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)

WO 2017062968 A1 20170413; AU 2016334488 A1 20180419; BR 112018006923 A2 20181016; CA 3000009 A1 20170413; CA 3000009 C 20230919; CL 2018000901 A1 20181019; CN 108431339 A 20180821; CN 108431339 B 20210615; CO 2018003715 A2 20180620; CR 20180247 A 20180731; EC SP18026594 A 20180531; EP 3359752 A1 20180815; HK 1259129 A1 20191129; JP 2018534451 A 20181122; JP 6885933 B2 20210616; KR 20180067571 A 20180620; MX 2018004363 A 20180501; PE 20181306 A1 20180810; SV 2018005664 A 20180913

DOCDB simple family (application)

US 2016056311 W 20161010; AU 2016334488 A 20161010; BR 112018006923 A 20161010; CA 3000009 A 20161010; CL 2018000901 A 20180406; CN 201680071540 A 20161010; CO 2018003715 A 20180406; CR 20180247 A 20161010; EC PI201826594 A 20180409; EP 16854548 A 20161010; HK 19100080 A 20190103; JP 2018517522 A 20161010; KR 20187012669 A 20161010; MX 2018004363 A 20161010; PE 2018000529 A 20161010; SV 2018005664 A 20180409