Title (en)

AUTOMATIC FLUSHING SYSTEM AND METHOD

Title (de)

AUTOMATISCHES SPÜLSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE RINÇAGE AUTOMATIQUE

Publication

EP 3587684 A1 20200101 (EN)

Application

EP 19182400 A 20190625

Priority

TR 201809081 A 20180627

Abstract (en)

The invention relates to an automatic flushing system and method, which enable the degree of pollution to be detected and the flushing to be performed automatically according to the degree of pollution following the use of the ceramic sanitary ware (1). More particularly, the invention relates to an automatic flushing system and method, wherein it is possible to detect the pollution degree of the liquid within the ceramic sanitary ware (1) and/or within the connecting piece that connects the ceramic sanitary ware (1) to the wastewater installation and also to detect the foreign matter within the liquid by the use of the wireless signals and the flushing is performed automatically with required quantity of liquid according to the degree of pollution detected.

IPC 8 full level

E03D 5/10 (2006.01)

CPC (source: EP KR US)

E03D 5/105 (2013.01 - EP KR US); E03D 2201/00 (2013.01 - KR)

Citation (applicant)

- US 2016083949 A1 20160324 - PLAS OLIVIER [FR], et al
- CN 101550721 A 20091007 - DUANLONG WU [CN]
- JP 2008249671 A 20081016 - TOTO LTD
- JP 2002285609 A 20021003 - TOTO LTD

Citation (search report)

- [XYI] US 2018010322 A1 20180111 - GROVER DAVID [US], et al
- [XD] US 2016083949 A1 20160324 - PLAS OLIVIER [FR], et al
- [X] CN 107740474 A 20180227 - JILIN TIANLIANG ARTIFICIAL ENVIRONMENT TECH CO LTD
- [X] DE 29918335 U1 19991230 - KERAMAG KERAMISCHE WERKE AG [DE]
- [X] EP 1378612 A1 20040107 - GEBERIT TECHNIK AG [CH]
- [YD] JP 2002285609 A 20021003 - TOTO LTD

Cited by

JP2021134612A

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)

EP 3587684 A1 20200101; JP 2021529273 A 20211028; KR 20210022525 A 20210303; US 2021025152 A1 20210128; WO 2020050799 A2 20200312; WO 2020050799 A3 20200604

DOCDB simple family (application)

EP 19182400 A 20190625; JP 2020572939 A 20190621; KR 20207027226 A 20190621; TR 2019050482 W 20190621; US 201916982561 A 20190621