

Title (en)

TOILET DEVICE

Title (de)

TOILETTENVORRICHTUNG

Title (fr)

SYSTÈME DE TOILETTES

Publication

EP 3816356 A4 20210804 (EN)

Application

EP 19825576 A 20190603

Priority

- JP 2018121339 A 20180626
- JP 2019021996 W 20190603

Abstract (en)

[origin: EP3816356A1] The problem to be overcome by the present disclosure is to provide a toilet device that facilitates maintenance of its water supply unit and waste breaking unit. A toilet body (4) includes a bowl (62) and a water inlet (631) to supply water into the bowl (62). A water supply unit (32) is attached to a pedestal (2) and connected to the water inlet (631) to selectively provide or stop supply of water. A waste breaking unit (31) is attached to the pedestal (2) and connected to the bowl (62) to break, into pieces, the wastes drained. An inlet line disconnecter (81) disconnects the water supply unit (32) from the water inlet (631). An outlet line disconnecter (91) disconnects the waste breaking unit (31) from the bowl (62).

IPC 8 full level

E03D 11/13 (2006.01); **B02C 18/00** (2006.01); **E03D 9/10** (2006.01); **E03D 11/11** (2006.01); **E03D 11/17** (2006.01)

CPC (source: EP)

E03D 5/01 (2013.01); **E03D 9/10** (2013.01); **E03D 11/11** (2013.01); **E03D 11/13** (2013.01); **E03D 11/17** (2013.01)

Citation (search report)

- [X] EP 1028201 A2 20000816 - TECMA S R L [IT]
- [X] US 4131959 A 19790102 - ALBERTASSI JAMES H, et al
- [X] WO 2016088105 A1 20160609 - DOMETIC SWEDEN AB [SE]
- [X] US 3699592 A 19721024 - MINCHAK EDWARD F
- [X] US 2015322657 A1 20151112 - BALLESTRA VICTOR JEAN [FR]
- See also references of WO 2020003913A1

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 3816356 A1 20210505; **EP 3816356 A4 20210804**; CN 112189071 A 20210105; CN 112189071 B 20220812; JP 2020002578 A 20200109; JP 7228757 B2 20230227; WO 2020003913 A1 20200102

DOCDB simple family (application)

EP 19825576 A 20190603; CN 201980032329 A 20190603; JP 2018121339 A 20180626; JP 2019021996 W 20190603