

Title (en)

VACUUM TOILET, AND CONTAINER BODY FOR A VACUUM TOILET

Title (de)

VAKUUMTOILETTE UND BEHÄLTERKÖRPER FÜR EINE VAKUUMTOILETTE

Title (fr)

TOILETTES À ASPIRATION ET CORPS DE CONTENANT POUR TOILETTES À ASPIRATION

Publication

EP 4126628 A1 20230208 (DE)

Application

EP 21716100 A 20210325

Priority

- DE 202020101760 U 20200401
- EP 2021057698 W 20210325

Abstract (en)

[origin: WO2021198000A1] A vacuum toilet comprises a toilet bowl, a transfer tank (5) having a first container interior (6), and a flushing water container (7) having a second container interior (8). The flushing water container (7) is designed and connected in such a way that flushing water, by means of a positive pressure which can be applied in the flushing water container (7), can be conveyed from the latter into the toilet bowl. The transfer tank (4) is designed and connected in such a way that suction-extraction substance can be sucked out of the toilet bowl into the transfer tank (5) by means of a negative pressure which can be applied in the transfer tank (5). The transfer tank (5) and the flushing water container (7) are formed by a container body (3) which has a separating wall (9) with a first side (10) and, directed away from the first side (10), a second side (11). The first side (10) delimits the first container interior (6) of the transfer tank (5), and the second side (12) delimits the second container interior (8) of the flushing water container (7).

IPC 8 full level

B61D 35/00 (2006.01)

CPC (source: EP US)

B61D 35/007 (2013.01 - EP); **E03D 1/28** (2013.01 - US); **E03D 5/00** (2013.01 - EP); **E03D 5/024** (2013.01 - US); **E03F 1/006** (2013.01 - EP)

Citation (search report)

See references of WO 2021198000A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 202020101760 U1 20200421; EP 4126628 A1 20230208; JP 2023521066 A 20230523; US 2023144334 A1 20230511; WO 2021198000 A1 20211007

DOCDB simple family (application)

DE 202020101760 U 20200401; EP 2021057698 W 20210325; EP 21716100 A 20210325; JP 2022560490 A 20210325; US 202117916286 A 20210325