

Title (en)

PRESSURE-ASSIST FLUSH TOILET

Title (de)

DRUCKUNTERSTÜTZENDE SPÜLTOILETTE

Title (fr)

TOILETTES À CHASSE D'EAU ASSISTÉE PAR PRESSION

Publication

EP 4189184 A1 20230607 (EN)

Application

EP 21850219 A 20210728

Priority

- US 202063058181 P 20200729
- US 2021043459 W 20210728

Abstract (en)

[origin: WO2022026550A1] A pressure-assist toilet assembly comprising a bowl; and a pressure tank assembly, wherein the pressure tank assembly is configured to be positioned in a bathroom wall cavity upon installation of the toilet assembly. The bowl may comprise an access space at an underside of the bowl, and/or may comprise a utility port positioned on a side of the bowl, configured to allow a bidet seat to be fluidly coupled to an in-wall water source and/or electrically coupled to an in-wall electric source. The assembly may comprise an in-wall support structure, the in-wall support structure configured to be removed from a bathroom wall cavity to provide access to a pressure tank assembly.

IPC 8 full level

E03D 3/10 (2006.01); **E03D 1/08** (2006.01); **E03D 5/00** (2006.01); **E03D 11/02** (2006.01); **E03D 11/14** (2006.01); **E03D 11/18** (2006.01)

CPC (source: EP US)

E03D 3/10 (2013.01 - EP US); **E03D 5/00** (2013.01 - EP); **E03D 9/08** (2013.01 - EP); **E03D 11/14** (2013.01 - EP); **E03D 11/143** (2013.01 - US)

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)

WO 2022026550 A1 20220203; CA 3185586 A1 20220203; CN 116134198 A 20230516; EP 4189184 A1 20230607; US 2023257980 A1 20230817

DOCDB simple family (application)

US 2021043459 W 20210728; CA 3185586 A 20210728; CN 202180058969 A 20210728; EP 21850219 A 20210728; US 202118014982 A 20210728