

Title (en)
PRIMED JET TOILET

Title (de)
TOILETTE MIT VORGEFÜLLTEN STRAHL

Title (fr)
TOILETTES À JET AMORCÉ

Publication
EP 3191652 A4 20180530 (EN)

Application
EP 15840761 A 20150914

Priority
• US 201462049736 P 20140912
• US 2015050052 W 20150914

Abstract (en)
[origin: WO2016040957A1] A siphonic flush toilet system and method of priming the same having a toilet bowl assembly comprising at least one jet flush valve assembly and at least one rim valve; and bowl having a rim and a jet defining at least one jet channel. The bowl has a closed jet pathway to maintain the jet channel in a primed state with fluid from the jet flush valve assembly to prevent air from entering the closed jet pathway. Flush valves may have back-flow preventer mechanisms and/or at least partly flexible valve covers, including specific valve cover structures. Flush activation assemblies may have a flush activation bar connected to the pivot rod and/or an adjustable flush connector located between the pivot rod and the flush activation bar. A kit providing one or more flush activation elements is included. The kit elements may be usable with the toilet systems and methods described.

IPC 8 full level
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E03D 11/02 (2013.01 - EP KR); **E03D 2201/30** (2013.01 - EP KR); **E03D 2201/40** (2013.01 - EP KR)

Citation (search report)
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• [X] US 4172299 A 19791030 - POZO JOAQUIN G DEL [US]
• [A] US 3908203 A 19750930 - JACKSON MILES J
• [A] US 4080667 A 19780328 - WALSH ROBERT M, et al
• [A] US 2009276947 A1 20091112 - SCHUSTER MICHAEL J [US], et al
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Designated contracting state (EPC)
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WO 2016040957 A1 20160317; AU 2015314737 A1 20170323; CA 2960033 A1 20160317; CA 2960033 C 20230314; CA 3185324 A1 20160317; CL 2017000602 A1 20170929; CN 107002399 A 20170801; CN 107002399 B 20200228; CN 110042894 A 20190723; CN 110042894 B 20211231; CN 113756402 A 20211207; CO 2017003510 A2 20170831; CR 20170137 A 20170726; EC SP17022604 A 20170630; EP 3191652 A1 20170719; EP 3191652 A4 20180530; EP 3191652 B1 20210217; EP 3854950 A1 20210728; JP 2017527725 A 20170921; JP 2020041409 A 20200319; JP 2021073392 A 20210513; JP 6794360 B2 20201202; JP 6987826 B2 20220105; JP 7130786 B2 20220905; KR 20170070036 A 20170621; MX 2017003186 A 20171016; MX 2021004132 A 20210615; NI 201700030 A 20181022; PE 20170857 A1 20170705; SV 2017005407 A 20170512

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