

Title (en)

PORTABLE TOILET WITH PULSED FLUSH ACTION

Publication

**EP 0371008 A3 19911106 (EN)**

Application

**EP 90102080 A 19881017**

Priority

US 11408187 A 19871027

Abstract (en)

[origin: EP0371008A2] A portable toilet (10) having a battery operated flushing assembly that is powered by batteries (76) carried in the toilet. The batteries provide for a "pulsed" flushing action of the flush water and this is achieved by the use of an axial flow pump (36,60) which is operable to lift small amounts of water small distances to the bowl (16) in a repeatable fashion. This facilitates flushing of the toilet, makes it easier for the user to flush the toilet, and provides for efficient and complete flushing.

IPC 1-7

**E03D 5/10**; **E03D 5/01**; **E03D 5/012**

IPC 8 full level

**E03D 5/01** (2006.01); **E03D 5/012** (2006.01); **E03D 5/016** (2006.01)

CPC (source: EP)

**E03D 5/01** (2013.01); **E03D 5/012** (2013.01); **E03D 5/016** (2013.01)

Citation (search report)

- [AD] US 4185337 A 19800129 - ANTOS JOHN M [US], et al
- [A] US 3015281 A 19620102 - UMHOLTZ FRANKLYN G
- [AD] US 3570018 A 19710316 - SARGENT RONALD J, et al

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US5913611A; US5729837A; US5542132A; EP0597489A1; EP1069250A3

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0371008 A2 19900530**; **EP 0371008 A3 19911106**; **EP 0371008 B1 19921209**; AU 2395588 A 19890427; AU 5586390 A 19900913; AU 602259 B2 19901004; AU 623259 B2 19920507; CA 1282908 C 19910416; DE 3861514 D1 19910214; DE 3876630 D1 19930121; DE 3876630 T2 19930408; EP 0314358 A1 19890503; EP 0314358 B1 19910109; NZ 226382 A 19900926

DOCDB simple family (application)

**EP 90102080 A 19881017**; AU 2395588 A 19881017; AU 5586390 A 19900524; CA 578591 A 19880927; DE 3861514 T 19881017; DE 3876630 T 19881017; EP 88309695 A 19881017; NZ 22638288 A 19880929