

Title (en)

Toilet bowl with flush flow control

Title (de)

Toilettenbecken mit Spülungsflusssteuerung

Title (fr)

Cuvette de toilette avec commande du débit de la chasse d'eau

Publication

EP 2196585 A3 20110105 (EN)

Application

EP 09178966 A 20091211

Priority

BR PI0805461 A 20081215

Abstract (en)

[origin: US2010146694A1] A sanitary system including a bowl provided with an electric pump and valve set that control the volume of water efficiently, being said bowl provided with specific geometry that uses said water flow more effectively, without causing the dispersion of infecting droplets in the ambient. Furthermore, the present disclosure provides a system that controls the flow of water used, since it has two stages of water flushes, a first one with lower volume for liquid excrement and a second one for solid excrement.

IPC 8 full level

E03D 1/26 (2006.01); **E03D 5/01** (2006.01); **E03D 11/02** (2006.01)

CPC (source: EP US)

E03D 1/266 (2013.01 - EP US); **E03D 5/01** (2013.01 - EP US); **E03D 11/02** (2013.01 - EP US)

Citation (search report)

- [XY] GB 1446436 A 19760818 - DOLPHIN P B
- [YD] US 5926863 A 19990727 - ARITA KINYA [JP], et al
- [A] US 3846847 A 19741112 - TUFTS W, et al
- [A] CA 1096065 A 19810217 - BRASWELL JOHN W
- [A] US 5204999 A 19930427 - MAKITA ATSUO [JP], et al

Cited by

CN112049203A; WO2015061830A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

US 2010146694 A1 20100617; BR PI0805461 A2 20100908; CA 2688809 A1 20100615; EP 2196585 A2 20100616; EP 2196585 A3 20110105

DOCDB simple family (application)

US 63833809 A 20091215; BR PI0805461 A 20081215; CA 2688809 A 20091215; EP 09178966 A 20091211