

Title (en)

Device for the control of a WC flush

Title (de)

Vorrichtung zur Steuerung einer WC-Spülung

Title (fr)

Dispositif de contrôle pour la chasse d'eau d'un WC

Publication

**EP 0962599 A3 20001115 (DE)**

Application

**EP 99109346 A 19990601**

Priority

- DE 19825229 A 19980605
- DE 19905310 A 19990209

Abstract (en)

[origin: EP0962599A2] The device has a sensor unit to detect the bowl content and for automatic dosing of flush water dependent upon the content. The unit is a gas sensor (22), to recognize fecal gases. The sensor signals are processed in a control unit (24), which operates a valve (16) to supply a suitable optimum water volume for a flush to the lavatory bowl (14). A second sensor (26) determines whether the lavatory is in use and when it is left by the user, and generates a signal accordingly. The gas sensor is located on/in a suction tube (18) connected to the flushing water pipe (10).

IPC 1-7

**E03D 1/14**; **E03D 5/10**

IPC 8 full level

**E03D 1/14** (2006.01); **E03D 5/10** (2006.01)

CPC (source: EP)

**E03D 1/142** (2013.01); **E03D 5/10** (2013.01)

Citation (search report)

- [A] US 4944045 A 19900731 - AGELATOS DIONISIOS [US], et al
- [A] US 5125119 A 19920630 - MUNOZ JESUS [US]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)

Cited by

EE01481U1; US6566288B2

Designated contracting state (EPC)

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**EP 0962599 A2 19991208**; **EP 0962599 A3 20001115**; DE 19905310 C1 20001102

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