

Title (en)

APPARATUS FOR THE DISPENSING OF A LIQUID, ADAPTED TO BE PLACED IN A VOLUME OF LIQUID WITH FLUCTUATING LIQUID LEVEL, PARTICULARLY ADAPTED FOR METERED DISPOSAL OF CHEMICALS TO A CISTERN

Title (de)

VORRICHTUNG ZUR AUSGABE EINER FLÜSSIGKEIT, DIE ZUR ANORDNUNG IN EINEM FLÜSSIGKEITSVOLUMEN MIT SCHWANKENDEM FLÜSSIGKEITSPEGEL, INSBESONDERE ZUR DOSIERTEN ABFÜHRUNG VON CHEMIKALIEN ZU EINER ZISTERNE, AUSGEFÜHRT IST

Title (fr)

DISTRIBUTEUR DE LIQUIDE DESTINE A ETRE PLACE DANS UN VOLUME DE LIQUIDE A NIVEAU VARIABLE, EN PARTICULIER POUR LA DISTRIBUTION MESUREE DE PRODUITS CHIMIQUES DANS UNE CITERNE

Publication

**EP 1556556 A1 20050727 (EN)**

Application

**EP 03788188 A 20030814**

Priority

- NO 0300276 W 20030814
- NO 20023920 A 20020816

Abstract (en)

[origin: WO2004016869A1] The present invention concerns an apparatus for dispensing a liquid, adapted to be placed in volume of liquid with fluctuating liquid level (59), particularly the cistern of a water closet. The apparatus is adapted to dispense liquid when the fluctuating liquid level (59) has been reduced a predetermined level and includes a hollow main body (1) with an upper end and a lower end. The upper end is air sealingly closed (5) and the lower end (1d) is open into the volume of liquid, and the main body (1) is adapted to contain a liquid column (58). A check valve (7) is provided at the upper end of the main body (1), and is adapted to allow pressure out of the cavity of the main body. A control channel (12) for controlling a pressure in the main body (1), controls when the liquid is to be dispensed in relation to the liquid level (59). The liquid volume has an upper end in fluid flowing contact with the cavity of the main body (1) and a lower end in fluid flowing contact with the liquid volume. Furthermore a method for final flushing of a closet bowl of a water closet with an apparatus according to the invention is described.

IPC 1-7

**E03D 9/03**

IPC 8 full level

**E03D 1/14** (2006.01); **E03D 9/03** (2006.01)

CPC (source: EP)

**E03D 1/14** (2013.01); **E03D 9/037** (2013.01); **E03D 9/038** (2013.01); **E03D 2009/028** (2013.01)

Citation (search report)

See references of WO 2004016869A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004016869 A1 20040226**; AU 2003251246 A1 20040303; CN 1688776 A 20051026; EP 1556556 A1 20050727; NO 20023920 D0 20020816; NO 318288 B1 20050228

DOCDB simple family (application)

**NO 0300276 W 20030814**; AU 2003251246 A 20030814; CN 03824270 A 20030814; EP 03788188 A 20030814; NO 20023920 A 20020816