

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 426 505 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
13.04.2005 Bulletin 2005/15

(51) Int Cl. 7: E03D 9/03

(43) Date of publication A2:
09.06.2004 Bulletin 2004/24

(21) Application number: 03027768.5

(22) Date of filing: 03.12.2003

(84) Designated Contracting States:
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

Designated Extension States:

AL LT LV MK

(30) Priority: 05.12.2002 IT mo20020346

(72) Inventor: Anselmo, Davide
41051 Castelnuovo Rangone (Prov. Mod.) (IT)

(74) Representative: Modiano, Guido, Dr.-Ing. et al
Modiano Gardi Patents,
Via Meravigli, 16
20123 Milano (IT)

(71) Applicant: I.G. Incerti Plast S.R.L.
41051 Castelnuovo Rangone,
(Prov. of Modena) (IT)

(54) **Universal dispenser of sanitizing liquid for containers of water or the like, particularly flushing cisterns for toilets**

(57) A universal dispenser (1) of sanitizing liquid for containers of water or the like, particularly flushing cisterns for toilets, comprising a tank (2) of sanitizing liquid that is associable with a container of water or the like and is provided with an outlet (4) for discharging the liquid into the container, and means (8) for opening and closing the outlet (4), which comprise a flow control element (9) that is associated so that it can move externally with respect to the tank (2) at the outlet and an actuation assembly (10) that is adapted to actuate the flow control element (9) alternately between a closed configuration and an open configuration of the discharge outlet, depending on the level of the water that is present inside the container.

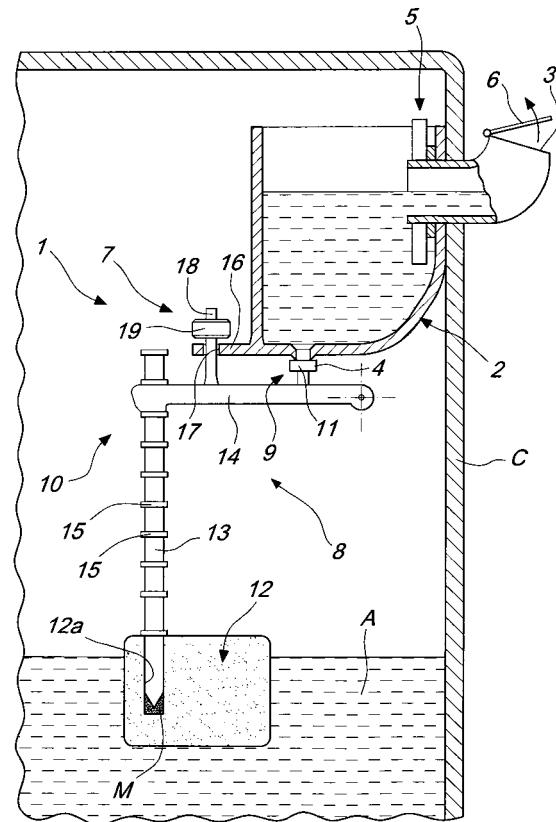


Fig. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 01/88287 A (ARSENIUK ROMAN) 22 November 2001 (2001-11-22) * figures 1A,1B *	1-5,7,8, 12-19	E03D9/03
X	US 1 182 742 A (S. BICKERTON) 9 May 1916 (1916-05-09) * figures 2,4 *	1-3,8, 12-19	
X	US 4 663 786 A (KIRKPATRICK LAWRENCE E) 12 May 1987 (1987-05-12) * figures 1-3 *	1-3,8, 12-19	

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
1			E03D
Place of search Date of completion of the search Examiner			
Munich 22 February 2005 Geisenhofer, M			
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 7768

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-02-2005

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0188287	A	22-11-2001	PL AU WO	340158 A1 5687701 A 0188287 A1		19-11-2001 26-11-2001 22-11-2001
US 1182742	A			NONE		
US 4663786	A	12-05-1987		NONE		