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(54) High pressure cleaning device

(57) The invention relates to a system of spraying of the disinfectant and against fermentation product, in the liquid state, which is used in the chemical/biologica portable restrooms.

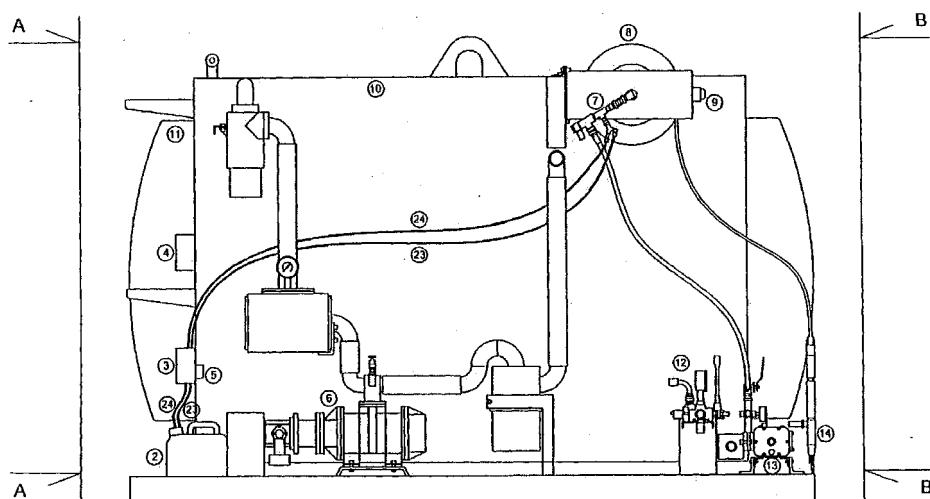
The system is interfaced to the equipment suitable for the portable restrooms cleaning and pumping that is present in the service vehicles, used, precisely, for the assistance of pumping and cleaning on these portable restrooms.

The peculiarity of the interfacing is constituted by the

advantage of using the high-pressure circuit water present on such pumping and cleaning equipment, without it being necessary to build an autonomous circuit for ensuring the removal of the fluid from the tank and spraying it inside the portable toilets septic tank.

The invention in topic, also has the advantage, compared to the manual systems currently used, of power perform the operation of spraying in a very short time (20 seconds approximately, instead of few minutes) and without waste of liquid.

Drawing 1: frontal view of the pumper-cleaner portable restroom equipment





EUROPEAN SEARCH REPORT

Application Number
EP 11 00 9659

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 4 821 958 A (SHAFFER) 18 April 1989 (1989-04-18) * abstract * * column 1, line 5 - line 20 * * column 3, line 16 - column 4, line 14 * * column 5, line 21 - column 6, line 3 * * claims * * figures * -----	1,2	INV. B08B3/02 E03F7/10 B60P3/14
A	NL 1 025 200 C1 (ROM BV) 12 July 2005 (2005-07-12) * abstract * * page 1, line 3 - line 31 * * page 5, line 16 - line 23 * * page 9, line 3 - line 7 * * claims * * figures * -----	1,2	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B08B E03F B60P A47K
1	Place of search	Date of completion of the search	Examiner
	The Hague	4 January 2013	van der Zee, Willem
CATEGORY OF CITED DOCUMENTS		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	
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			

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

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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.

04-01-2013

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