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(54) **Device for pumping and triturating of sewage waters of sanitary fittings composed of two units, one of which is removable**

(57) This invention relates to a device for pumping and triturating, wherein the tank collecting the soil and waste water from the WC and other sanitary fittings is contained inside a unit that is permanently fixed to and connected with the WC and the other sanitary fittings,

while the pumping, triturating and control equipment are housed inside another unit, which may be easily separated from the former unit and removed, and which is fastened to the former unit by means of appropriate fastening means.

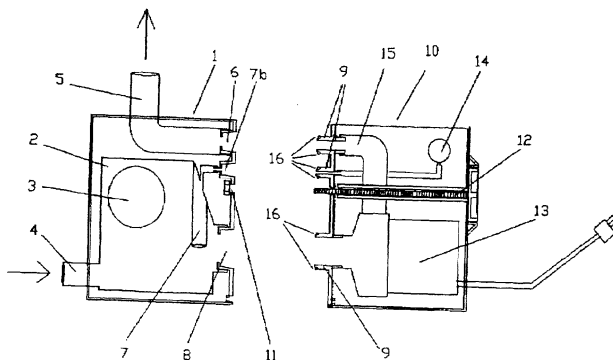


FIG 2

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EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0079

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	FR 2 554 842 A (LECAT) 17 May 1985 (1985-05-17) * the whole document *	1,5,6	E03D11/11
Y	EP 0 611 851 A (GIOVANNINI) 24 August 1994 (1994-08-24) * the whole document *	1,5,6	
A	EP 0 469 977 A (SONG) 5 February 1992 (1992-02-05) * column 3, line 28 - column 3, line 49; figure 2 *	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E03D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 December 2000	Examiner Hannaart, J
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			

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

EP 00 83 0079

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
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28-12-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2554842 A	17-05-1985	FR 2567554 A	17-01-1986
		FR 2567935 A	24-01-1986
EP 611851 A	24-08-1994	IT 1261767 B	03-06-1996
EP 469977 A	05-02-1992	FR 2665468 A	07-02-1992
		US 5234483 A	10-08-1993