



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**21.02.2001 Bulletin 2001/08**

(51) Int Cl.7: **E03D 11/11**

(43) Date of publication A2:  
**16.08.2000 Bulletin 2000/33**

(21) Application number: **00830079.0**

(22) Date of filing: **04.02.2000**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

(71) Applicant: **Tecma S.r.l.**  
**00198 Roma (IT)**

(72) Inventor: **Giovannini, Marco**  
**00069 Trevignano Romano (Roma) (IT)**

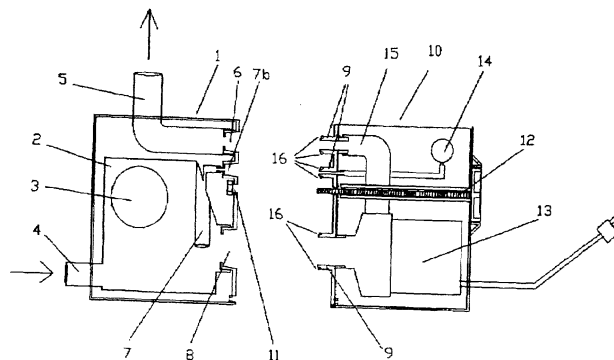
(30) Priority: **12.02.1999 IT RM990102**  
**08.04.1999 IT RM990211**

(74) Representative: **Sneider, Massimo**  
**Studio Tecnico Lenzi,**  
**Via Lucania, 13**  
**00187 Roma (IT)**

(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**



European Patent  
Office

# 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 <b>THE HAGUE</b>		Date of completion of the search <b>28 December 2000</b>	Examiner <b>Hannaart, J</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)

**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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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