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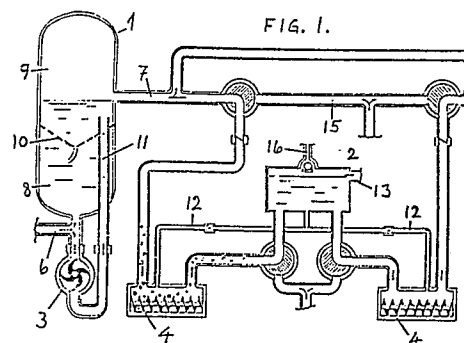
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54 Vacuum sewage collecting system.

57 A vacuum sewage collecting system, comprises a vacuum tank (1) which through a supply pipe (6) is connected to toilets, drainage tanks for urinals, greywater etc., and a vacuum pump (4) which through a suction pipe (7) provides the vacuum in the vacuum tank (1). By means of an air and liquid permeable dividing plate or wall (10) the vacuum tank (1) is divided into two chambers, a first chamber (8) on to which the supply pipe (6) is connected and a second chamber (9) on to which the suction pipe (7) is connected. A macerator or grinder (3) is disposed in connection with the first chamber (8), to grind solid particles and transport these together with the liquid (sewage) which is present in the first chamber (8) to the second chamber (9) through a connecting pipe (11). Further, the vacuum in the vacuum tank (1) is generated by means of a vacuum pump (4) which is adapted to pump the liquid as well as the grounded, solid particles from the tank (4) to a storage tank or the like.





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.4)
A	FR-A-2 366 186 (SEURECA) * Page 3, line 15 - page 5, line 25; page 6, lines 14-18; figures 2,6 * ---	1,5	E 03 F 1/00
A	FR-A-2 050 775 (BAUDOT HARDOLL) * Page 3, line 30 - page 5, line 2; figures 1,3 * ---	1,4	
A	GB-A-2 017 188 (BURTON MECHANICAL CONTRACTORS, INC.) * Figure 4; page 3, lines 24-73 * ---	1	
A	DE-A-3 042 619 (WOMA-APPARATEBAU WOLFGANG MAASBERG & CO. GmbH) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 03 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-10-1988	Examiner BIRD, C.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			