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(54) **Syphon operating sump pit structure for manholes and the like**

(57) Syphon operating sump pit structure (4), for effectively preventing outflows of foul odours and exhalations generated in a sewer underlying a manhole, having: a surface grid (3) inserted in a road manhole frame (2); a first vessel (5), supported by said road manhole frame (2) or located therebelow, having a top inlet (6) juxtaposed to the port of the surface grid (3), an open bottom (7) and solid walls (8) which occlude, with the

exception of the open bottom (7), the entire manhole section; and a second vessel (9) located below the open bottom (7) of the first vessel (5), having a closed bottom (10) and a top edge (11) located at a level above the open bottom (7), so that the filling up of the second vessel (9) with water or other liquid does not obstruct the flow path of further liquid, concomitantly stemming any exhalation underlying the sump pit structure (4).

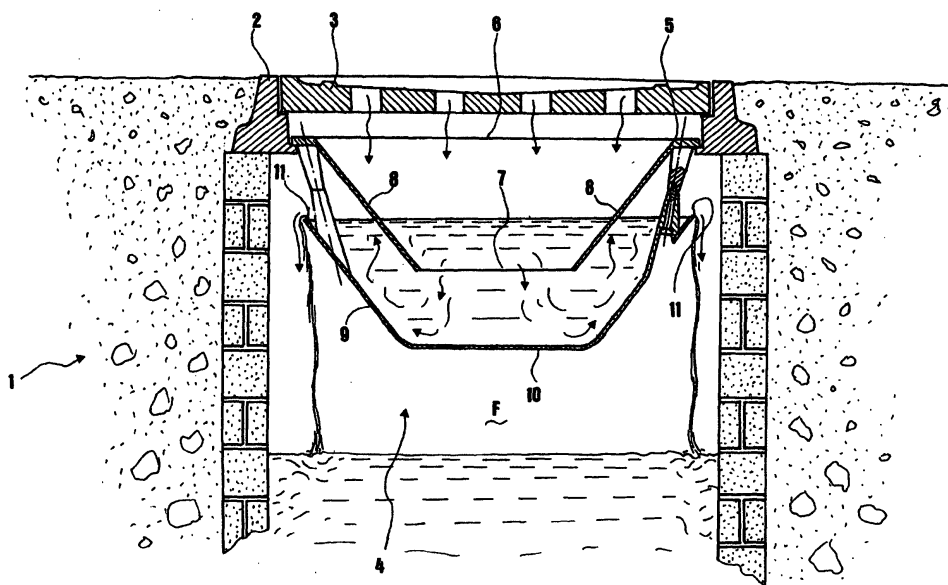


fig.3

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EUROPEAN SEARCH REPORT

Application Number
EP 02 42 5755

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)
X	US 6 319 397 B1 (SU CHUNG-HSIN ET AL) 20 November 2001 (2001-11-20) * column 1, line 5 - line 48; figures 4,5 *	1,5	E03F5/04
X	EP 1 046 757 A (WEDI STEPHAN) 25 October 2000 (2000-10-25) * column 7, line 14 - line 21; figure 1 *	1,2,5	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E03F
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 23 January 2004	Examiner Flygare, E
<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 & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 42 5755

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