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(54) **Surface drainage system**

(57) An apparatus for a surface drainage system comprises a longitudinal restrictor member 9 and at least one mounting means 10 adapted to locate the restrictor member 9 adjacent a longitudinal drainage slot 5 of a

drainage channel section. The mounting means 10 are adapted to enable movement of the restrictor member 9 relative to the slot 5 in order to vary the effective area of the slot opening.

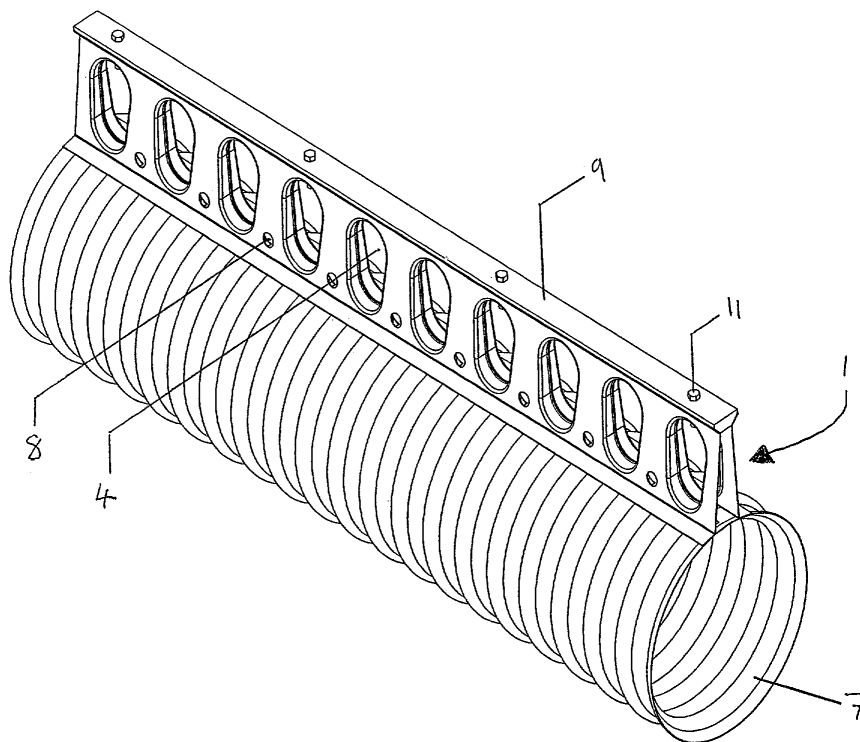


Fig. 1

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EUROPEAN SEARCH REPORT

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EP 04 25 5633

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 19 08 981 A1 (BETONWERK WERNAU GMBH & CO KG) 17 December 1970 (1970-12-17) * page 5, paragraph 2 - page 7, paragraph 1; figure 1- *	1,3-11, 13-21	E03F5/04
X	----- US 6 113 311 A (BECKER ET AL) 5 September 2000 (2000-09-05) * column 3, line 41 - line 67 * * column 5, line 26 - line 47; figures *	1-6, 8-12, 14-21	
X	----- US 3 898 778 A (ERICKSON ET AL) 12 August 1975 (1975-08-12) * figures 1,2 *	1-13	
X	----- EP 0 056 238 A (OTTO GEB. HERFELD, HEIDE) 21 July 1982 (1982-07-21) * page 8, last paragraph - page 9, last paragraph; figures 1,2 *	1-6,8-12	
A	----- US 4 381 569 A (INGRAM ET AL) 3 May 1983 (1983-05-03) -----	1-21	TECHNICAL FIELDS SEARCHED (IPC) E03F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 30 November 2005	Examiner De Coene, P
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.**

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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
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30-11-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1908981	A1	17-12-1970	NONE	

US 6113311	A	05-09-2000	CA 2236286 A1	17-08-1999
			US 6000881 A	14-12-1999

US 3898778	A	12-08-1975	NONE	

EP 0056238	A	21-07-1982	NONE	

US 4381569	A	03-05-1983	NONE	
