



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.12.2003 Bulletin 2003/49

(51) Int Cl.7: **E03F 3/04**

(43) Date of publication A2:
09.10.2002 Bulletin 2002/41

(21) Application number: **02006443.2**

(22) Date of filing: **22.03.2002**

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

(72) Inventors:
• **Jennings, Peter Alexander**
Royston, Herts. SG8 9NB (GB)
• **King, Robert James**
Hitchin, Herts. SG4 0LD (GB)

(30) Priority: **02.04.2001 GB 0108231**
09.11.2001 GB 0127005

(74) Representative: **Carter, Stephen John**
OLSWANG
90 High Holborn
London WC1V 6XX (GB)

(71) Applicant: **ACO SEVERIN AHLMANN GMBH & CO.**
KG
D-24768 Rendsburg (DE)

(54) **Channel sections**

(57) A drainage system is constructed from plastics sections (2) having a uniform U-shaped cross section. A slotted grid (4) closes an open mouth of the channel. Adjacent channel sections (2) are joined by means of an external joining sleeve member (6) which engages with formations (26) at either side of the channel sections in the lower portion in both adjacent channel sections (2). The channel sections are self-supporting and made of a closed cell structure PVC foam. An outlet sleeve (8) is provided which engages with formations (26) at either side of the channel sections in the lower portion of the channel section (2). The outlet sleeve (8) is provided so that the channel section (2) can be easily coupled to a downward drainpipe at any point along its length. Channel sections (2) as described can also be used with a solid cover in ducting applications for cabling.

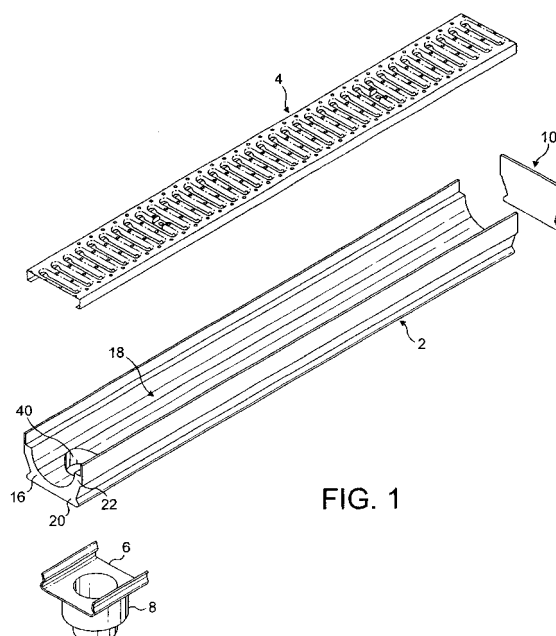


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 00 6443

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	DE 19 36 524 A (VAHLBRAUK KARL HEINZ) 4 February 1971 (1971-02-04) * page 2, paragraph 1 - paragraph 2; figures *	1-4	E03F3/04
Y	---	6	
X	GB 1 503 152 A (CLAYTON R LTD) 8 March 1978 (1978-03-08) * page 1, line 31 - line 43; figures *	1-5	
X	US 4 941 480 A (MCLEAN PHILIP W ET AL) 17 July 1990 (1990-07-17) * abstract * * column 3, line 13 - line 15; figures *	1,2	
Y	US 3 913 284 A (HALL MARSHALL JOHN) 21 October 1975 (1975-10-21) * figure 1 *	6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E03F E01C E04D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 October 2003	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			

EPO FORM 1503 03.02 (P04CD1)

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

EP 02 00 6443

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.

14-10-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 1936524	A	04-02-1971	DE	1936524 A1	04-02-1971
			NL	7010666 A	20-01-1971

GB 1503152	A	08-03-1978	NONE		

US 4941480	A	17-07-1990	NONE		

US 3913284	A	21-10-1975	AU	473584 B2	24-06-1976
			AU	6113573 A	10-04-1975
			CA	994515 A1	10-08-1976
			DE	2354333 A1	09-05-1974
			GB	1409684 A	15-10-1975

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82