

Title (en)  
Drainage channel

Title (de)  
Entwässerungsrinne

Title (fr)  
Caniveau d'écoulement

Publication  
**EP 1428948 A1 20040616 (DE)**

Application  
**EP 04005773 A 19991109**

Priority  
• DE 19851960 A 19981111  
• DE 19856689 A 19981209  
• EP 99122276 A 19991109

Abstract (en)  
Drainage channel (R20) for surface drainage and/or drainage of bulk material, etc. comprises a channel element (21) containing a grid element. A connecting part (32.1-32.3) for connecting two channel elements protrudes from one or both ends of the channel element and has at least one opening (34) for attaching a connecting element. Preferred Features: The connecting part protrudes outwardly or inwardly in an offset manner from the channel element. A step (33) designed as an offset is formed between the connecting part and the channel element.

Abstract (de)  
Bei einer Entwässerungsrinne zur Oberflächenentwässerung und/oder Drainage von Schüttgut od. dgl. mit einem Rinnenelement (21) in welches ggf. ein Rostelement (31) einlegbar ist, soll stirnseitig ein- oder beidseitig von dem Rinnenelement (1) zumindest ein Anschlusselement (32.1 bis 32.3) zum stirnseitigen Verbinden zweier Rinnenelemente (21) abragen, wobei die seitlichen Anschlusselemente (32.2, 32.3) wenigstens eine Öffnung (34) zum Einbringen eines Verbindungselementes aufweisen. <IMAGE>

IPC 1-7  
**E03F 3/04**

IPC 8 full level  
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CPC (source: EP)  
**E03F 3/046** (2013.01); **E04D 13/0445** (2013.01)

Citation (search report)  
• [X] DE 9319836 U1 19940317 - HAURATON BETONWAREN [DE]  
• [A] US 5000621 A 19910319 - BEAMER JOHN V [US]  
• [A] DE 1994398 U 19680919 - GOUBEAUD KARL [DE]  
• [A] US 5489163 A 19960206 - THOMANN ROLAND [CH]  
• [A] EP 0677622 A2 19951018 - WILHELM HAFNER GMBH [DE]  
• [A] US 4102135 A 19780725 - AURIEMMA ROBERT SINBAD  
• [A] GB 2316116 A 19980218 - RELN PTY LTD [AU]  
• [A] DE 19511206 A1 19960208 - AHLMANN ACO SEVERIN [DE]

Cited by  
DE102018119506A1; AT511465A4; AT511465B1; EP2540921A2

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