

Title (en)
Drainage channels

Title (de)
Entwässerungsrinnen

Title (fr)
Caniveau d'écoulement

Publication
EP 0928850 A3 19991027 (EN)

Application
EP 98310210 A 19981211

Priority
GB 9800473 A 19980109

Abstract (en)
[origin: EP0928850A2] A drainage channel section has an interior flow-confining surface including an elongate planar floor (12) having spaced parallel side edges. Two side walls (14) project outwardly from respective side edges of the floor (12) and each side wall is formed by an upper wall portion (15) and a lower wall portion (16). The lower wall portions (16) extend upwardly and outwardly from the floor (12) at an angle α . The width of the floor (12) may be between $W/1.5$ and $W/2.5$ where W is the width of the channel between the outer edges of the lower side wall portions (16). The height of these edges above the floor may be $\frac{W}{2} \tan \alpha$ where α is between 45 DEG and 75 DEG. This provides good flow capacity and sediment transportation. It also allows the sections to be free standing and to be stacked in pairs with one section of the pair inverted and the side wall of the inverted section located between the side walls of the other section. <IMAGE>

IPC 1-7
E03F 3/04; **E01C 11/22**

IPC 8 full level
E01C 11/22 (2006.01); **E03F 3/04** (2006.01)

CPC (source: EP)
E01C 11/227 (2013.01); **E03F 3/046** (2013.01)

Citation (search report)

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