Title (en)
METHOD FOR INSERTING AN ESSENTIALLY VERTICAL SCREEN IN THE GROUND

Publication
EP 0451926 B1 19930421 (EN)

Application
EP 91200886 A 19910412

Priority
NL 9000874 A 19900412

Abstract (en)
[origin: EP0451926A1] For placing an essentially vertical screen in the ground a trench is dug in the ground, a mixture such as a bentonite-water mixture or a bentonite-cement-water mixture which can form an impenetrable layer is fed in to said trench, a sheeting panel is connected to an insertion sheet, the insertion sheet with sheeting panel is moved downwards in the mixture in such a way that a vertical locking edge of said panel and a vertical locking edge of a panel already placed in the trench are slid into each other, the connection between the insertion sheet and the sheeting panel is broken, and the insertion sheet is pulled up, so that the next sheeting panel can be connected to said insertion sheet, which actions can be repeated until a tight wall of the desired length and shape is formed from the sheeting panels in the trench. In order to avoid problems during the placing of screens of great height (for example of about 30 metres) in the ground, each sheeting panel is fixed near the top edge of an insertion sheet to said sheet, the sheeting panel is taken into a vertically downward hanging position by pulling said sheet up out of the trench and, before the combination of sheet and sheeting panel connected to it are moved downwards in the trench, this combination is moved over approximately the width of a sheeting panel in the lengthwise direction of the trench. <IMAGE>

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E02D 19/18

IPC 8 full level
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