

Title (en)

Device for inserting a screen into the ground, and method for using such a device.

Title (de)

Einrichtung zum Einschieben eines Schirms in den Boden, und Methode zur Anwendung der Einrichtung.

Title (fr)

Appareil pour insérer un écran dans le sol, et méthode de mise en oeuvre d'un tel appareil.

Publication

EP 0494097 A1 19920708 (EN)

Application

EP 92200019 A 19920103

Priority

NL 9100011 A 19910104

Abstract (en)

A device for inserting an essentially vertical screen into a trench dug in the ground and filled with a mixture such as a bentonite-water mixture or a bentonite-cement-water mixture, which screen is composed of sheeting panels (2) which are interconnected by means of lock parts provided at their vertical side edges, has an insertion element (5) with a width corresponding approximately to the width of a panel, and has means by which it can be connected to the edge of each panel to be placed in the bottom of the trench, in such a way that the panel (2) concerned can be pulled into the trench under the influence of the weight of the insertion element. The height of the insertion element is of the same order of magnitude as the width of a panel fitted in the ground. The insertion element preferably has remote-controlled blocking means (14) near its bottom edge, for blocking the means by which the panel can be connected to the insertion element. <IMAGE>

IPC 1-7

E02D 19/18

IPC 8 full level

E02D 19/18 (2006.01)

CPC (source: EP)

E02D 19/18 (2013.01)

Citation (search report)

- [YD] DE 3540270 A1 19870514 - WAYSS & FREYTAG AG [DE]
- [YD] US 4927297 A 19900522 - SIMPSON WILLIAM [US]
- [AD] NL 8901419 A 19910102 - HOLLANDSCHE BETONGROEP NV
- [A] BE 905464 A 19870116 - HERBOSCH KIERE N V
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 284 (M-348)(1721) 26 December 1984 & JP-A-59 150 829 (TAKENAKA DOBOKU) 29 August 1984

Cited by

NL1015163C2; NL9500310A; NL9500213A

Designated contracting state (EPC)

BE DE DK FR GB LU NL

DOCDB simple family (publication)

EP 0494097 A1 19920708; EP 0494097 B1 19960424; DE 69210052 D1 19960530; DE 69210052 T2 19961212; DK 0494097 T3 19960520; NL 9100011 A 19920803

DOCDB simple family (application)

EP 92200019 A 19920103; DE 69210052 T 19920103; DK 92200019 T 19920103; NL 9100011 A 19910104