

Title (en)

Method of ecologically dewatering weak ground of high water content

Title (de)

Verfahren zur ökologiegerechten Entwässerung von Weichstböden und Weichböden hohen Wassergehaltes

Title (fr)

Méthode pour déshydrater un sol à haute teneur en eau par des moyens écologiques

Publication

**EP 1182298 A1 20020227 (DE)**

Application

**EP 01114115 A 20010607**

Priority

DE 10039993 A 20000816

Abstract (en)

The method stabilizes soft to very soft grounds by insertion of sand posts. The posts are stabilized by an enclosing stable jacket, which remains in the ground. The jacket is of a water-permeable plaited material, which can be compressed in vertical direction and expanded in horizontal direction. It is formed from several elements fitted into each other.

Abstract (de)

Die Erfindung betrifft ein Verfahren und Vorrichtung, zur Entwässerung von Weichstböden bis Weichböden durch standstabilisierte Sandpfähle.  
<IMAGE>

IPC 1-7

**E02D 3/10**

IPC 8 full level

**E02D 3/10** (2006.01)

CPC (source: EP)

**E02D 3/103** (2013.01)

Citation (search report)

- [XYA] US 3859798 A 19750114 - TERASHIMA OSAMU, et al
- [X] US 4451175 A 19840529 - YAMASHITA HIROMICHI [JP], et al
- [X] GB 1224646 A 19710310 - CEMENTATION CO LTD [GB]
- [YA] GB 1600737 A 19811021 - UNIV SINGAPORE
- [A] EP 0500242 A2 19920826 - CSIR [ZA]
- [A] US 3420063 A 19690107 - BODINE ALBERT G JR
- [A] US 3386251 A 19680604 - LEO CASAGRANDE, et al

Cited by

CN105022932A; CN102011391A; DE10242264A1; DE10242264B4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1182298 A1 20020227**; DE 10039993 A1 20020228

DOCDB simple family (application)

**EP 01114115 A 20010607**; DE 10039993 A 20000816