

Title (en)

IMPROVEMENT TO THE METHOD OF COMPACTION-REINFORCEMENT-INJECTION OR DECOMPACTION-DRAINING OF GROUNDS BY MEANS OF AUXILIARY TUBES

Publication

EP 0382774 B1 19911127 (FR)

Application

EP 88909551 A 19881004

Priority

FR 8713829 A 19871007

Abstract (en)

[origin: WO8903458A1] The invention relates to an improvement to the invention disclosed in the French patent n DEG 84-18690 relating to a construction method for linear works in compacted or decompacted grounds and the mass treatments of grounds obtained by juxtaposition of said works. The improvement comprises the utilization of one or a plurality of auxiliary tubes (20, 21) fixed to the main tube (19) forming the web of the tool to feed or inject earthwork materials into the ground. For example it is possible to make a pile, a micropile or a tie-rod with enlarged base having a diameter bigger than the diameter of the tool used.

IPC 1-7

E02D 5/46; **E02D 5/62**

IPC 8 full level

E21B 10/44 (2006.01); **E02D 5/44** (2006.01); **E02D 5/46** (2006.01); **E02D 5/62** (2006.01)

CPC (source: EP KR)

E02D 5/44 (2013.01 - EP); **E02D 5/46** (2013.01 - KR); **E02D 5/62** (2013.01 - EP KR)

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

WO 8903458 A1 19890420; DE 3866548 D1 19920109; EP 0382774 A1 19900822; EP 0382774 B1 19911127; JP H03500431 A 19910131; KR 890701848 A 19891222

DOCDB simple family (application)

FR 8800489 W 19881004; DE 3866548 T 19881004; EP 88909551 A 19881004; JP 50880588 A 19881004; KR 890701017 A 19890607