

Title (en)

GROUND REINFORCEMENT OR STABILISATION METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERFESTIGEN ODER STABILISIEREN VON ERDREICH

Title (fr)

aROCEDE ET DISPOSITIF DE CONSOLIDATION OU DE STABILISATION DU SOL

Publication

EP 1007791 A4 20030129 (EN)

Application

EP 98937342 A 19980731

Priority

- AU 9800606 W 19980731
- AU PO838797 A 19970801

Abstract (en)

[origin: WO9906639A1] A method of ground reinforcement uses a screw-in anchor element (16) which has a shaft (17), helical flight (18) adjacent a leading end, a helical flight (19) adjacent a trailing end, and a drive coupling (20). The anchor element is screwed into the ground with the leading end placed in relatively stable soil and the trailing end placed in relatively unstable soil. The flight (18) may be of greater pitch than the flight (19). The shaft (17) may be hollow. When the shaft (17) is hollow, it may be used to drain liquids or gases from the soil, or to introduce active agents to treat polluted ground.

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E02D 5/80; E02D 3/02; E02D 1/00

IPC 8 full level

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CPC (source: EP KR)

E02D 5/80 (2013.01 - KR); **E02D 5/801** (2013.01 - EP)

Citation (search report)

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- [A] WO 9201839 A1 19920206 - LEBEDEV EVGENY V [SU], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 205 (M - 603) 3 July 1987 (1987-07-03)
- See references of WO 9906639A1

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