

Title (en)

Soil treatment process using at least one monopolar coaxial electrode system and apparatus for performance of the process

Title (de)

Grundbehandlungsverfahren mittels mindestens eines Systems aus monopolaren koaxialen Elektroden und Einrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de traitement de sol avec utilisation d'au moins un système d'électrodes monopolaires coaxiales et dispositif de mise en oeuvre

Publication

**EP 1584751 B1 20070404 (FR)**

Application

**EP 05290570 A 20050315**

Priority

FR 0403793 A 20040409

Abstract (en)

[origin: EP1584751A1] The method involves vertically sinking a rectilinear coaxial monopolar electrode system (12) in soil, where the system has a rod having a polarity zone and an insulating zone, and a hollow tube surrounding the rod and constituting another polarity zone. The latter polarity zone is placed in order to uncover the former polarity zone of the system. The system is polarized under the action of an electric field. Independent claims are also included for the following: (A) a method of dehydration of soil and/or pollution control of the soil (B) a device for soil treatment (C) an utilization of the soil treatment device for dehydration and/or pollution control of the soil.

IPC 8 full level

**E02D 3/11** (2006.01); **B09C 1/08** (2006.01)

CPC (source: EP)

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Cited by

CN105970913A; CN104452737A; CN108655166A; CN114749474A

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**EP 1584751 A1 20051012**; **EP 1584751 B1 20070404**; DE 602005000788 D1 20070516; DE 602005000788 T2 20080110; ES 2286769 T3 20071201; FR 2868793 A1 20051014; FR 2868793 B1 20060707

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