

Title (en)  
A method for the stabilisation of soils and restoration of any collapses

Title (de)  
Methode zur Grundstabilisierung und Einsturzbehebung

Title (fr)  
Méthode de stabilisation des sols et de remédiation d'effondrements

Publication  
**EP 1108817 A3 20030108 (EN)**

Application  
**EP 00830821 A 20001214**

Priority  
IT PR990093 A 19991217

Abstract (en)  
[origin: EP1108817A2] A method for the consolidation of soils and buildings subject to drainage and/or removal of the water-bearing stratum, provides for the use of electrosmosis to obtain the cessation of the drainage and the reconstitution of the water-bearing stratum by recalling the stratum itself or constituting and maintaining an artificial stratum. Preferably, a set of negative electrodes and a set of positive electrodes are positioned in the soil, in such a way that connecting the two sets of electrodes to a power supply the electrical field thus applied causes the interruption of the outflow of water and the inversion of the direction of motion of the water with the recall of the water itself.

IPC 1-7  
**E02D 3/11**

IPC 8 full level  
**E02D 3/11** (2006.01)

CPC (source: EP)  
**E02D 3/11** (2013.01)

Citation (search report)

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