

Title (en)
SOIL CONSTRUCTION ANCHORED IN THE SOIL HAVING A STEEP FRONT AND METHOD FOR PRODUCING SAID SOIL CONSTRUCTION

Title (de)
AM ERDREICH ANGEBAUTE ERDKONSTRUKTION MIT STEILER FRONT UND VERFAHREN ZUR ERSTELLUNG DIESER ERDKONSTRUKTION

Title (fr)
CONSTRUCTION REALISEE CONTRE UNE PAROI EN TERRE A FORTE INCLINAISON ET SON PROCEDE D'EXECUTION

Publication
EP 1121493 B1 20021120 (DE)

Application
EP 99941362 A 19990915

Priority
• CH 9900438 W 19990915
• CH 206298 A 19981013

Abstract (en)
[origin: WO0022242A1] According to the inventive method, a steep front (2) is anchored in the soil (1) using front elements (3). Said front elements consist of angular support grids (6) each comprising a front grid element (7) upwardly oriented and a substantially horizontal bottom grid element (8). Together, the front grid elements (7) form a grid system which is congruent with the front (2). The bottom grid elements (8) extend from the front (2) into the soil construction. One front element (3) which is arranged parallel to the front grid element (7) is provided with an intermediate grid (9) which is fastened to said front element (3) by means of holding members (10). A cavity (14) between the front grid element (7) and the intermediate grid (9) is filled with coarse filling material (15) such as gravel or pebble stones. At least one backfill cavity (16) is filled with any desired bulk material (17) on the side of the intermediate grid (9) facing away from the front grid element (7). The invention especially provides a means for producing supporting structures and revetments.

IPC 1-7
E02D 29/02

IPC 8 full level
E02D 29/02 (2006.01)

CPC (source: EP)
E02D 29/0241 (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0022242 A1 20000420; AT E228190 T1 20021215; AU 5501799 A 20000501; DE 59903496 D1 20030102; EP 1121493 A1 20010808; EP 1121493 B1 20021120

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CH 9900438 W 19990915; AT 99941362 T 19990915; AU 5501799 A 19990915; DE 59903496 T 19990915; EP 99941362 A 19990915