

Title (en)

Method for forming vegetated slopes in strengthened ground and a product obtained by such method.

Title (de)

Verfahren zur Herstellung begrünbarer Steilböschungen am versteiften Boden und durch dieses Verfahren hergestelltes Produkt.

Title (fr)

Méthode de fabrication d'un revêtement végétal dans sol renforcé et produit obtenu par ce procédé.

Publication

EP 0574233 A1 19931215 (EN)

Application

EP 93304454 A 19930608

Priority

IT VR920053 A 19920610

Abstract (en)

A method for forming steep slopes covered with a mantle of vegetation constructed of strengthened and reinforced earth comprising the following operations: (a) levelling the ground, (b) laying a substantially horizontal layer of geocomposite material (12), (c) forming a reinforcing cage for a first layer of earth (10), with a plurality of uprights (14) spaced apart and with a grid (11) anchored to said uprights (14), (d) laying a layer of material to allow root penetration and growth on the rear surface of said grid (11), (e) filling the space between the geocomposite material (12) and the material covering the grid (11) with earth (10), compacting said earth (10) and forming a new flat surface at a level which allows the upper ends of said uprights (14) to project thereabove, (f) laying another substantially horizontal layer of geocomposite material (12), (g) installing a second set of uprights (14), connecting them slidably to the projecting ends of the uprights (14) of the underlying layer, and forming a further reinforcing cage for the subsequent layer of earth (10) by attaching grids (11) to the uprights, (h) repeating operations (d) and (e) to complete a new layer of compacted earth, (i) repeating operations (f), (g) and (h) so as to reach the predetermined height of the slope, (j) making provision for shoots to grow on the slope. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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