

Title (en)

SOIL AND WATER-RETAINING WALL, COMPOSED OF PREFABRICATED PLATE ELEMENTS.

Title (de)

ERDREICH- UND WASSERSCHUTZMAUER, DIE AUS VORGEFERTIGTEN PLATTENELEMENTEN ZUSAMMENGESETZT IST.

Title (fr)

PAROI DE RETENUE DU SOL ET DE L'EAU, FORMEE DE PLAQUES PREFABRIQUEES.

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Application

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Priority

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Abstract (en)

[origin: WO8002168A1] A soil and/or water-retaining wall, composed of prefabricated metal plate elements, has upstanding side edges which are interconnected in a soil and/or water-tight manner. The plate elements are shell elements (1), which have at least approximately the shape of a portion of a cylinder surface with upstanding generating lines, the concave side of said shell elements (1) functioning as the soil-retaining side, a prefabricated metal upright (2) extending between successive shell elements, said upright comprising one or more chambers (12), which are filled with a hardenable material, such as cement grout (13), the ends of adjacent shell elements (2) being inserted into said chambers through inlet slots (14).

Abstract (fr)

Une paroi de retenue du sol et/ou de l'eau, composee d'elements en forme de plaques metalliques prefabriquees, possede des bords lateraux verticaux qui sont relies entre eux de maniere etanche au sol et/ou a l'eau. Les elements-plaques sont des elements-coquilles (1), qui presentent au moins approximativement la forme d'une partie d'une surface cylindrique avec des lignes verticales, le cote concave desdits elements-coquilles (1) ayant la fonction de retenue du sol, un montant metallique prefabrique (2) s'etendant entre les elements-coquilles successifs, ledit montant comprenant une ou plusieurs chambres (12), qui sont remplies d'un materiau durcissable, tel qu'un coulis de ciment (13), les extremités des elements coquilles adjacents (2) etant introduites dans lesdites chambres au travers de fentes (14).

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