

Title (en)

GROUND REINFORCED STRUCTURE AND REINFORCEMENT MEMBERS FOR THE CONSTRUCTION THEREOF

Title (de)

BODENVERSTÄRKTE STRUKTUR UND VERSTÄRKUNGSELEMENTE ZU IHRER KONSTRUKTION

Title (fr)

OUVRAGE EN SOL RENFORCE ET ELEMENTS DE RENFORT POUR SA CONSTRUCTION

Publication

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Application

EP 08775656 A 20080229

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Abstract (en)

[origin: WO2008122733A1] The invention relates to a ground reinforced structure that comprises a fill (1), reinforcement strips (2) including reinforcement sections (82, 83, 84) extending in a reinforced area of the fill behind the front face of the structure, and a cladding (3) provided along said front face, the reinforcement strips (2) being anchored to the cladding (3) in respective anchoring regions, wherein the cladding (3) comprises, in at least one anchoring region, a path (20) defined for a reinforcement strip (2) between two protruding points (6) located on a rear face of the cladding (7) adjacent to the fill (1), the path (20) including at least two rectilinear portions (81) respectively adjacent to the two protruding points (6) and each provided for positioning the strip (2) in the same protruding plane (P) perpendicular to said rear face (7), two curved portions (9) respectively defining an extension of the two rectilinear portions (81) and provided for diverting the strip outside from the protruding plane (P), and a connection portion for connecting the two curved portions (9) together and having at least one loop (10, 101, 102, 103, 104) provided outside the protruding plane, and wherein at least two reinforcement sections (82, 83, 84) each define an extension of a rectilinear portion (81) of a path (20) beyond the protruding point (6) and are connected together by at least one linking member (11, 12, 13), each of said reinforcement sections (82, 83, 84) being part of a reinforcement strip (2) provided along said path (20). The invention also relates to reinforcement members and to associated methods.

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