

Title (en)  
SYSTEM FOR CONSOLIDATING THE CORTICAL LAYER OF LOOSE TERRAINS

Title (de)  
SYSTEM ZUR FESTIGUNG DER AUSSENSCHICHT LOSER GEBIETE

Title (fr)  
SYSTÈME DE CONSOLIDATION DE LA COUCHE CORTICALE DE TERRAINS MEUBLES

Publication  
**EP 2729624 A2 20140514 (EN)**

Application  
**EP 12740667 A 20120703**

Priority  
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• IB 2012001323 W 20120703

Abstract (en)  
[origin: WO2013005098A2] A system (10) for consolidating the cortical layer (11) of loose terrains comprising: - a plurality of anchor bars (20) adapted to be stably anchored to a stable subsurface layer (12) of the loose terrain, - at least one cover layer (30) adapted to cover the cortical layer (11) of the loose terrain, - a plurality of first tensioning elements (40) each constrained to a respective anchor bar and adapted to press the cover layer (30) towards the stable subsurface layer (12) for tensioning the cover layer (30), axially changing the constraint position thereof along the anchor bar (20); - at least one grid (50) of cables (51,52,53) superimposed on said cover layer (30), comprising cables (51,52,53) constrained to the anchor bars (20); - a plurality of second tensioning elements (60) each constrained to a respective anchor bar and adapted to press the portions of the cables (51,52,53) arranged around the anchor bars (20) towards the stable subsurface layer (12) for tensioning the grid (50). Said second tensioning elements (60) are adapted to axially change the constraint position thereof along the anchor bar (20) independently from said first tensioning elements (40).

IPC 8 full level  
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