

Title (en)
Method for forming a vegetation support layer on an sloping earth structure

Title (de)
Verfahren zur Herstellung einer begrünbaren Aussenhaut einer Erdböschung

Title (fr)
Procédé permettant le développement d'une végétation sur une surface en pente

Publication
EP 1054110 B1 20060125 (DE)

Application
EP 00110549 A 20000517

Priority
DE 19922670 A 19990518

Abstract (en)
[origin: EP1054110A1] The embankment consists of several filler layers, enclosed by flexible wire mesh mats, and a reinforced outer skin. A support and compacted section (1) is constructed in layers, e.g. several layers (21-25) of filler material (4) are separately enclosed by horizontal (15), a vertical (16) and a backward folded part (17) of the flexible mat (5), and highly compacted. To construct a mainly vertical section, removable shuttering is put in place before compacting, and distance bars (8) are introduced through the first section. After construction of the first section, a large stiff wire mesh mat (7) is fastened to the projecting bar parts, at a distance to the filler layers. This defines a space, which is preferably filled with soil (10) for growing grass etc., but may be filled with gravel or concrete.

IPC 8 full level
E02D 29/02 (2006.01)

CPC (source: EP)
E02D 29/0225 (2013.01)

Cited by
EP2251492A1; EP1262603A1; DE10311597A1; EP1457603A3; EP1340857A1; NL1039968C2; WO2014098569A2; EP1457603A2; WO2014098569A3; WO2014129888A1; WO2009042860A1; US7993080B2; US8303218B2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 1054110 A1 20001122; EP 1054110 B1 20060125; AT E316598 T1 20060215; DE 19922670 A1 20001123; DE 50012105 D1 20060413; ES 2254070 T3 20060616

DOCDB simple family (application)
EP 00110549 A 20000517; AT 00110549 T 20000517; DE 19922670 A 19990518; DE 50012105 T 20000517; ES 00110549 T 20000517