

Title (en)
STRUCTURE FOR THE PROTECTION AND/OR CONSOLIDATION OF SLOPES

Title (de)
STRUKTUR FÜR DEN SCHUTZ UND/ODER DIE KONSOLIDIERUNG VON HÄNGEN

Title (fr)
STRUCTURE POUR LA PROTECTION ET/OU LA CONSOLIDATION DE PENTES

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Abstract (en)
[origin: WO2011117790A1] An umbrella-shaped structure for the protection and/or consolidation of slopes comprises at least one structure (3) for holding back material and a main rod (4) connected to a central portion (5) of the structure (3) for holding back material. The structure (3) for holding back material comprises a plurality of supporting arms (2) extending from the central portion (5), and which, at least in an operating condition, extend substantially radially relative to the main rod (4), and means (8) for holding back material which are substantially flexible and are supported by the supporting arms (2). The supporting arms (2) are rotatably connected relative to the main rod (4) in such a way that they can rotate at least between a first position in which they lie in a plane transversal to the main rod (4), and a second position in which they are arranged so that they are substantially parallel with a main direction of extension of the rod, the means (8) for holding back material being coupled to the supporting arms (2) in both positions. Preferably, in the second position the supporting arms (2) are positioned adjacent to the main rod (4). There are also selective locking means (18) for, in practice, selectively preventing rotation of the arms (2) towards the second position.

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