

Title (en)

METHOD FOR SETTING UP A PROTECTIVE SEALING LAYER IN A LANDFILL BASIN FOR INDUSTRIAL AND MINING SLURRIES AND GEOTEXTILE PROTECTIVE TUBE MAT FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM ERRICHTEN EINER DICHTUNGSSCHUTZSCHICHT IN EINEM DEPONIEBECKEN FÜR SCHLAMMFÖRMIGE INDUSTRIE- UND BERGBAU-ABFALLSTOFFE UND GEOTEXTIL-SCHUTZSCHLAUCHMATTE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE MISE EN PLACE D'UNE COUCHE DE PROTECTION D'ÉTANCHÉITÉ DANS UN BASSIN DE DÉCHARGE DE DÉCHETS BOUEUX INDUSTRIELS OU PROVENANT DU SECTEUR MINIER, ET NAPPE TUBULAIRE DE PROTECTION GÉOTEXTILE PERMETTANT LA MISE EN UVRE DU PROCÉDÉ

Publication

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Application

**EP 16756936 A 20160720**

Priority

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Abstract (en)

[origin: CA2991675A1] A method for setting up a protective sealing layer in a landfill basin for industrial and mining slurries, wherein the landfill basin comprises at least a bottom area and an embankment ring, which are covered at least up to the height of a maximum filling level with a single-ply or multi-ply base sealing layer, characterized by the following steps: - providing and using bottom protective tube mats (10), consisting of a water-permeable, multi-ply geotextile fabric, in which at least a lower ply (17) and an upper ply (18) are connected directly to one another along a number of parallel connecting lines (11; 15), wherein flexible tubes (12) that are separate from one another and each have at least one filling opening (13) are formed between neighbouring connecting lines (11; 15); - laying out the bottom protective tube mats (10) on the bottom area of the landfill basin; - laying out embankment protective tube mats (10) on the embankment ring, wherein the flexible tubes (12) are aligned in the direction of the slope of the embankment or at an acute angle thereto; - filling each flexible tube (12) individually with an aqueous suspension and sealing the filling openings (13).

IPC 8 full level

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