

Title (en)

PROCEEDING AND DEVICE FOR THE FORMATION OF EMBANKMENT BARRIER

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE HERSTELLUNG EINER DAMM-BARRIERE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA FORMATION D'UNE BARRIÈRE EN TALUS

Publication

EP 3095919 A1 20161123 (EN)

Application

EP 16169047 A 20160510

Priority

SE 1550645 A 20150521

Abstract (en)

The invention concerns a proceeding and a device for the provision of embankment (1) of areas (2) and the formation of a barrier (3) against chemicals (4), e.g. oil in water or solely water (5), by means of supports (6) formed by folding corrugated sheet-metal plates or corrugated sheets of another material, e.g. plastic or aluminium, transversely to (7) the longitudinal direction (8) thereof along cut-throughs (9) of the sheet-metal plates (10) so that sheet-metal plate portions (11, 12) extend at an angle (A) to each other, and that said folded, formed barrier supports (6) are placed on a substratum (13) so that a folded portion of the respective sheet-metal plate forms a barrier support which is facing the intended damming area and which laterally (8) is formed of a plurality of folded, corrugated sheet-metal plates (10) overlapping each other, the sheet-metal plates being folded (10) in half and the folded sheet-metal plates (10) being placed with the respective ends (10A, 10B) thereof resting on or urged down into the substratum (13) along which they form a bank and coupling together of the sheet-metal plates (10) for the formation of a barrier (3). According to the invention, a loop of band (15) or another pulling member is allowed surrounding the barrier support (6) and posts (16) adapted in shape to the corrugations (21) are placed internally in ridges formed by side portions and top portion along said barrier support (3) before driving down the posts (16) into the substratum (13).

IPC 8 full level

E02B 3/10 (2006.01)

CPC (source: EP SE)

E02B 3/106 (2013.01 - EP SE)

Citation (applicant)

US 6935809 B2 20050830 - SVENSSON GERHARD [SE]

Citation (search report)

- [XDI] US 6935809 B2 20050830 - SVENSSON GERHARD [SE]
- [A] GB 194845 A 19230322 - JOHN WORTHINGTON

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3095919 A1 20161123; EP 3095919 B1 20211027; SE 1550645 A1 20161122; SE 539305 C2 20170627

DOCDB simple family (application)

EP 16169047 A 20160510; SE 1550645 A 20150521