

Title (en)

Partially foamed gravel fixing for dams and dykes

Title (de)

Teilverschäumte Schotterverfestigung für Dämme und Deiche

Title (fr)

Renforcement de la cloison partiellement en mousse pour barrages et digues

Publication

EP 2500472 A1 20120919 (DE)

Application

EP 11158682 A 20110317

Priority

EP 11158682 A 20110317

Abstract (en)

Partially or completely foamed ballast composite on freely overflowable dam/dike substructure comprises ballast stones and polyurethane foam, which is placed between the gravel stones. An independent claim is included for solidifying the ballast stones on freely overflowable dam/dike substructure comprising piling ballast stones on the dam/dike substructure and applying a reaction mixture for producing a polyurethane foam between the piled ballast stones.

Abstract (de)

Die Erfindung betrifft teilverschäumte Schotterverfestigungen an überströmbaren Deichen und Dämmen und ein Verfahren zu deren Herstellung.

IPC 8 full level

E02B 3/10 (2006.01); **E02B 3/12** (2006.01); **E02B 7/16** (2006.01); **E02B 8/06** (2006.01)

CPC (source: EP)

E02B 3/10 (2013.01); **E02B 3/128** (2013.01); **E02B 7/16** (2013.01)

Citation (applicant)

"Karlsruhe 2004 und Design of Small Dams", WATER RESOURCES TECHNICAL PUBLICATION SERIES

Citation (search report)

- [XII] US 2007172590 A1 20070726 - HOFFMANN ANDREAS [DE], et al
- [XII] DE 10241293 A1 20040318 - BASF AG [DE]
- [A] US 5544973 A 19960813 - FRIZELL KATHLEEN H [US], et al
- [I] GB 975646 A 19641118 - NEDERLANDEN STAAT [NL]

Cited by

US2014161526A1; US9297121B2

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

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