

Title (en)

METHOD FOR CONSTRUCTING SCOUR PROTECTION OF BRIDGE AND STABILIZATION OF STREAM BED USING BLOCK MAT

Title (de)

VERFAHREN ZUM BAU EINES ABSCHEUERSCHUTZES EINER BRÜCKE UND STABILISIERUNG EINES WASSERBETTS UNTER VERWENDUNG VON BLOCKMATTEN

Title (fr)

PROCEDE POUR CONSTRUIRE UNE PROTECTION CONTRE LES AFFOUILLEMENTS POUR UN PONT ET STABILISATION DU LIT D'UN COURS D'EAU A L'AIDE D'UN TAPIS DE BLOCS

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Application

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Priority

KR 0101823 W 20011026

Abstract (en)

[origin: WO03035986A1] The method for constructing scour protection of bridge and stabilization of stream bed using block mat according to the present invention by constructing a number of block mat structure consisting of unit blocks interlocked together, and paving said block mat structures in monolayer or multilayer on a stream bed around the foundation part of an underwater structure. By the present invention, it is possible to improve a resistance to a descending stream at upper and lower region of a pier, to prevent the ground of a stream bed from being locally scoured by the stream due to the flexibility of the block mat, and to stabilize the ground of stream bed since the spaces between the unit blocks are filled with gravels and sand after several repetitions of a flood stream and a normal stream and then the mat becomes firm.

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