Title (en)

BRIDGE SYSTEM AND METHOD INCLUDING FOUR SIDED CONCRETE BRIDGE UNITS ADAPTED FOR PROMOTING SEDIMENTATION

Title (de)

SYSTEM UND VERFAHREN WELCHES EINE VIERSEITIG GESCHLOSSENE BETONBRÜCKE BEINHALTET, DEREN BODEN SEDIMENTATION BEGÜNSTIGT.

Title (fr)

SYSTÈME DE PONT ET PROCÉDÉ COMPRENANT DES UNITÉS DE PONT EN BÉTON À QUATRE CÔTÉS POUR ENCOURAGER LA SÉDIMENTATION

Publication

EP 2756135 B1 20171115 (EN)

Application

EP 12769221 A 20120912

Priority

- US 201161535565 P 20110916
- US 2012054757 W 20120912

Abstract (en)

[origin: US2013071189A1] A method of providing an environmentally appealing region for water flow along an surrounded pathway tunnel involves providing a plurality of four-sided concrete bridge units in abutting relationship to create a surrounded pathway tunnel, one end of the tunnel located upstream along a water path and an opposite end of the tunnel located downstream along the water path; allowing water to flow through the surrounded pathway tunnel during a rain or other flow event; and providing a multiplicity of the four-sided bridge units with a corresponding bottom wall structure that interacts with the flowing water and earthen material in the flowing water such that capture and settling of the earthen material at locations along the tunnel occurs to produce a more natural water flow pathway along the tunnel.

IPC 8 full level

E02D 29/045 (2006.01)

CPC (source: EP US)

E01F 5/005 (2013.01 - EP US); **E02D 29/045** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2013071189 A1 20130321; AR 087890 A1 20140423; AU 2012308798 A1 20140327; AU 2012308798 B2 20161027; CA 2848200 A1 20130321; DK 2756135 T3 20180108; EP 2756135 A2 20140723; EP 2756135 B1 20171115; ES 2656858 T3 20180228; PL 2756135 T3 20180430; WO 2013039970 A2 20130321; WO 2013039970 A3 20131114

DOCDB simple family (application)

US 201213613710 A 20120913; AR P120103408 A 20120914; AU 2012308798 A 20120912; CA 2848200 A 20120912; DK 12769221 T 20120912; EP 12769221 A 20120912; ES 12769221 T 20120912; PL 12769221 T 20120912; US 2012054757 W 20120912