

Title (en)

Foundation for a high water barrier

Title (de)

Gründung Hochwasserschutz

Title (fr)

Structure de fondation de protection contre les crues

Publication

**EP 1707685 A2 20061004 (DE)**

Application

**EP 06005787 A 20060321**

Priority

DE 102005013993 A 20050326

Abstract (en)

The device has support units placed in a non-reinforced mixed-in-place wall (21), where the support units (22) project from the wall. A reinforced top beam (23) of concrete is formed on the wall, and includes the projecting support units. Detachable connecting units are integrated into the top beam, and columns are detachably and force-fittingly attached to the connecting units. The top beam transfers the bending moments, horizontal force, vertical force and torsional moments into the support units.

Abstract (de)

Die Erfindung beschreibt eine wirtschaftliche und sichere Lösung für die Befestigung von transportablen, temporären Hochwasserschutzwänden. In eine Mixed-in-Place-Wand werden einzelne Trägerelemente eingebaut, die über einen Kopfbalken verbunden sind, der Verbindungselemente enthält, die zur späteren Befestigung der Hochwasserschutzwand dienen.

IPC 8 full level

**E02B 3/10** (2006.01); **E02D 3/12** (2006.01); **E02D 5/18** (2006.01); **E02D 27/12** (2006.01)

CPC (source: EP)

**E02D 5/187** (2013.01)

Cited by

DE102006057811A1; DE102009021143A1; CN110029625A; CN110344373A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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