

Title (en)  
METHOD FOR BUILDING A SHALLOW TUNNEL AT A WATER AREA BOTTOM AND A SYSTEM FOR TEMPORALLY DEWATERING A BOTTOM AREA

Title (de)  
VERFAHREN ZUM BAU EINES FLACHEN TUNNELS AUF EINEM WASSERBEREICHSBODEN UND SYSTEM ZUM VORÜBERGEHENDEN ENTWÄSSERN EINES BODENBEREICHES

Title (fr)  
PROCEDE DE CONSTRUCTION D'UN TUNNEL PEU PROFOND AU FOND D'UN PLAN D'EAU ET SYSTEME D'ASSECHEMENT PROVISoire D'UNE PARTIE DE FOND

Publication  
**EP 1793047 B1 20120509 (EN)**

Application  
**EP 05722169 A 20050303**

Priority  
• RU 2005000092 W 20050303  
• RU 2004122613 A 20040716  
• RU 2004122507 A 20040716

Abstract (en)  
[origin: EP1793047A1] A method of building a shallow-depth tunnel at the bottom of a water area and a system used to implement it present a technology of driving a tunnel for vehicle traffic or other-purpose tunnel under the river channel or under the bottom of other shallow water area. They can be predominantly used to form a temporary enclosure for a closed bottom segment in the water area and the space above it throughout the depth of water. A distinctive feature of the method is that a bottomless hydraulic enclosure with controlled buoyancy is used in it. This enclosure is made at a plant as a single closed structure capable of bearing on it detachable crane equipment, construction platforms and amenity rooms.

IPC 8 full level  
**E02D 29/077** (2006.01)

CPC (source: EP)  
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Citation (examination)  
WO 9106714 A1 19910516 - DARYA PAYE JETTY CO LTD [GB]

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

Designated extension state (EPC)  
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**EP 1793047 A1 20070606; EP 1793047 B1 20120509**; AT E557135 T1 20120515; WO 2006011828 A1 20060202

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