

Title (en)

FIXED TYPE STRUCTURE UNIT FOR RESTORING LOST SAND, STRUCTURE AND RESTORING METHOD

Title (de)

FESTE STRUKTUREINHEIT ZUR WIEDERHERSTELLUNG VON VERLORENEM SAND, STRUKTUR UND WIEDERHERSTELLUNGSVERFAHREN

Title (fr)

UNITÉ STRUCTURELLE DE TYPE FIXE POUR RESTAURER LE SABLE PERDU, STRUCTURE ET PROCÉDÉ DE RESTAURATION

Publication

EP 3000938 A4 20161102 (EN)

Application

EP 14801075 A 20140520

Priority

- KR 20130057702 A 20130522
- KR 2014004484 W 20140520

Abstract (en)

[origin: EP3000938A1] The present invention relates to a fixed type structure unit for restoring lost sand, a structure and a restoring method. To this end, the present invention is characterized by restoring lost sand using the Venturi effect by providing a fixed type cover structure unit underwater to restore lost sand due to erosion, wherein: both end parts in a length direction are open and are provided with an inlet part and an outlet part respectively; an erosion part is provided to be open in a bottom part; the height of the cross section is arranged to become higher towards the inlet part along the length direction; and a hollow part through which water flows is provided integrally inside the fixed type cover structure unit.

IPC 8 full level

E02B 3/04 (2006.01)

CPC (source: EP KR US)

E02B 3/04 (2013.01 - EP KR US); **E02B 3/06** (2013.01 - KR); **E02B 3/062** (2013.01 - US); **E02B 3/12** (2013.01 - US); **E02B 3/18** (2013.01 - US)

Citation (search report)

- [X] US 4367978 A 19830111 - SCHAAF CECIL [US], et al
- [A] GB 877057 A 19610913 - CHRISTIANI & NIELSEN AS
- See references of WO 2014189249A1

Cited by

ITUA20163343A1; WO2017195100A1

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

DOCDB simple family (publication)

EP 3000938 A1 20160330; EP 3000938 A4 20161102; JP 2016519233 A 20160630; KR 101377437 B1 20140325; US 2016115664 A1 20160428; WO 2014189249 A1 20141127

DOCDB simple family (application)

EP 14801075 A 20140520; JP 2016515260 A 20140520; KR 20130057702 A 20130522; KR 2014004484 W 20140520; US 201414892596 A 20140520