

Title (en)

METHOD OF AND SYSTEM FOR INSTALLING FOUNDATION ELEMENTS IN AN UNDERWATER GROUND FORMATION

Title (de)

VERFAHREN UND SYSTEM ZUR INSTALLATION VON FUNDAMENTELEMENTEN IN EINER GEWÄSSERBODENFORMATION

Title (fr)

PROCÉDÉ ET SYSTÈME PERMETTANT D'INSTALLER DES ÉLÉMENTS DE FONDATION DANS UNE FORMATION SOUTERRAINE IMMERGÉE

Publication

EP 2847389 A2 20150318 (EN)

Application

EP 13720105 A 20130410

Priority

- NL 2008625 A 20120411
- NL 2013050263 W 20130410

Abstract (en)

[origin: WO2013154428A2] The invention relates to a method of and system for installing a foundation element, in particular a (mono) pile (2), in a hard underwater ground formation (3) by means of a driver (4). The method comprises the steps of placing a foundation element (2) on the underwater ground formation (3), placing a screen (7) for reducing noise input from the driver (4), driving the foundation element (2) into the ground formation (3) by means of the driver (4) while the screen (7) is positioned about the foundation element (2), and attenuating noise transfer from the underwater ground formation (3) to the outer wall (9) of the screen (7) during at least part of the driving.

IPC 8 full level

B63B 35/44 (2006.01); **E02D 7/02** (2006.01); **E02D 7/06** (2006.01); **E02D 7/14** (2006.01)

CPC (source: CN EP US)

B63B 35/44 (2013.01 - US); **E02D 7/02** (2013.01 - CN EP US); **E02D 7/06** (2013.01 - CN EP US); **E02D 7/14** (2013.01 - CN EP US); **E02B 2017/0065** (2013.01 - EP US)

Citation (search report)

See references of WO 2013154428A2

Cited by

WO2016049749A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013154428 A2 20131017; WO 2013154428 A3 20140508; AU 2013247474 A1 20141016; CN 104271843 A 20150107; EP 2847389 A2 20150318; JP 2015513022 A 20150430; NL 2008625 C2 20131015; US 2015078836 A1 20150319

DOCDB simple family (application)

NL 2013050263 W 20130410; AU 2013247474 A 20130410; CN 201380023463 A 20130410; EP 13720105 A 20130410; JP 2015505677 A 20130410; NL 2008625 A 20120411; US 201314391357 A 20130410