

Title (en)

BORING DEVICE FOR PRODUCING A BORE, AND SYSTEM FOR POSITIONING THE BORING DEVICE

Title (de)

BOHRVORRICHTUNG ZUM ERSTELLEN EINER BOHRUNG UND SYSTEM ZUM POSITIONIEREN DER BOHRVORRICHTUNG

Title (fr)

DISPOSITIF DE FORAGE SERVANT À RÉALISER UN TROU DE FORAGE ET SYSTÈME DE POSITIONNEMENT DU DISPOSITIF DE FORAGE

Publication

EP 3114283 B1 20200708 (DE)

Application

EP 15708439 A 20150225

Priority

- DE 102014002968 A 20140306
- EP 2015000432 W 20150225

Abstract (en)

[origin: WO2015131984A1] The invention relates to a boring device for producing a bore for a foundation pile for constructing a structure in a body of water, comprising a boring tool which is arranged on a movable arm, a tensioning device which is designed to clamp the boring device in the foundation pile, which is arranged at the upper end, and which has a clamping element that functions as a counter bearing. The tensioning device has an arm on which the clamping element is arranged, and the arm of the tensioning device can be pivoted from a first position to a second position, in which the clamping element is engaged with the wall of the foundation pile, by means of a drive. A guide device is provided which is designed to guide the boring device in the foundation pile and a first end of which is arranged on the lower body and a second end has a sliding element. The guide device has an arm on which the sliding element is arranged, and the arm of the guide device can be pivoted from a first position to a second position, in which the sliding element is engaged with the wall of the foundation pile, by means of a drive.

IPC 8 full level

E02D 17/16 (2006.01); **E02D 7/28** (2006.01)

CPC (source: EP)

E02D 7/28 (2013.01); **E02D 17/16** (2013.01)

Cited by

NL2029399B1; WO2023062061A1

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)

DE 102014002968 A1 20150910; DK 3114283 T3 20201012; EP 3114283 A1 20170111; EP 3114283 B1 20200708; EP 3620579 A1 20200311; WO 2015131984 A1 20150911

DOCDB simple family (application)

DE 102014002968 A 20140306; DK 15708439 T 20150225; EP 15708439 A 20150225; EP 19200407 A 20150225; EP 2015000432 W 20150225