

Title (en)

DEVICE FOR VERIFYING THE BEARING CAPACITY OF A PILE OF AN OFFSHORE FOUNDATION CONSTRUCTION

Title (de)

VORRICHTUNG ZUR ÜBERPRÜFUNG DER TRAGFÄHIGKEIT EINES PFAHLS EINER OFFSHORE FUNDAMENTKONSTRUKTION

Title (fr)

DISPOSITIF DE VÉRIFICATION DE LA CAPACITÉ PORTANTE D'UN PIEU D'UNE CONSTRUCTION DE FONDATION OFFSHORE

Publication

**EP 3584371 A1 20191225 (EN)**

Application

**EP 18178335 A 20180618**

Priority

EP 18178335 A 20180618

Abstract (en)

This device (26) for verifying the bearing capacity of a first pile (22a) of an offshore foundation construction comprises a body (28), a first means for connecting the body (28) to a referential element, a second means for connecting the body (28) to the first pile (22a), a means for applying (34) a load on the first pile (22a) in a direction parallel to the axis of the first pile (22a). It further includes a means for measuring a displacement of the first pile (22a).

IPC 8 full level

**E02D 13/04** (2006.01); **E02D 13/06** (2006.01); **E02D 27/14** (2006.01); **E02D 27/50** (2006.01); **E02D 27/52** (2006.01); **E02D 33/00** (2006.01)

CPC (source: EP KR US)

**E02D 13/04** (2013.01 - EP KR); **E02D 13/06** (2013.01 - EP KR); **E02D 27/14** (2013.01 - EP KR); **E02D 27/50** (2013.01 - EP KR); **E02D 27/525** (2013.01 - EP KR); **E02D 33/00** (2013.01 - EP KR US)

Citation (search report)

- [X] WO 2013043055 A1 20130328 - NORWIND INSTALLER AS [NO], et al
- [XY] WO 2014204308 A1 20141224 - IHC HOLLAND IE BV [NL]
- [XY] WO 2018098963 A1 20180607 - GUANGDONG ZHONGKE HUADA ENG TEST CO LTD [CN]
- [X] GB 2323174 A 19980916 - KVAERNER CEMENTATION FOUND LTD [GB]
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Cited by

CN112856151A; NL2025754A; NL2025753A; JP2023097191A

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)

**EP 3584371 A1 20191225**; **EP 3584371 B1 20220817**; BR 112020024752 A2 20210323; CN 112352080 A 20210209; EP 3807466 A1 20210421; KR 20210020993 A 20210224; PL 3584371 T3 20221219; SG 11202012236U A 20210128; TW 202001090 A 20200101; US 2021246623 A1 20210812; WO 2019243364 A1 20191226

DOCDB simple family (application)

**EP 18178335 A 20180618**; BR 112020024752 A 20190618; CN 201980040944 A 20190618; EP 19732004 A 20190618; EP 2019066086 W 20190618; KR 20217000384 A 20190618; PL 18178335 T 20180618; SG 11202012236U A 20190618; TW 108121158 A 20190618; US 201917251512 A 20190618