

Title (en)

A COUPLING SYSTEM, AN ASSEMBLY OF A VESSEL AND A COUPLING SYSTEM, AND AN ASSEMBLY OF A COUPLING SYSTEM, JACKET PILE AND FOUNDATION PILE

Title (de)

KOPPLUNGSSYSTEM, ANORDNUNG EINES SCHIFFS UND EINES KOPPLUNGSSYSTEMS UND ANORDNUNG EINES KOPPLUNGSSYSTEMS, EINES MANTELPFAHLS UND EINES GRÜNDUNGSPFAHLS

Title (fr)

SYSTÈME D'ACCOUPLEMENT, ENSEMBLE D'UNE CUVE ET D'UN SYSTÈME D'ACCOUPLEMENT, ET ENSEMBLE D'UN SYSTÈME D'ACCOUPLEMENT, D'UN PIEU DE TREILLIS ET D'UN PIEU DE FONDATION

Publication

**EP 3721019 A1 20201014 (EN)**

Application

**EP 18839910 A 20181128**

Priority

- NL 2020037 A 20171207
- NL 2018050800 W 20181128

Abstract (en)

[origin: WO2019112421A1] A coupling system to be temporarily coupled to at least one of a jacket pile and a foundation pile comprises an upper fixation member, a lower fixation member and a lifting device for moving the upper and lower fixation members with respect to each other. The coupling system is provided with at least one of a grout transfer line for guiding grout from a grout supply to a space between a jacket pile and a foundation pile upon installing the jacket pile to the foundation pile, and a cleaning device for cleaning the inner and/or outer side of a foundation pile, and a separating device for separating a jacket pile from a foundation pile upon de-installing the jacket pile with respect to the foundation pile, and a measurement device for determining parameters of a jacket pile and/or a foundation pile.

IPC 8 full level

**E02D 27/42** (2006.01); **E02B 17/00** (2006.01)

CPC (source: EP KR US)

**B63B 25/002** (2013.01 - KR); **B63B 35/003** (2013.01 - KR); **E02B 17/00** (2013.01 - EP); **E02B 17/0004** (2013.01 - EP KR US); **E02B 17/0008** (2013.01 - EP KR US); **E02B 17/027** (2013.01 - EP KR); **E02D 27/42** (2013.01 - EP KR US); **B63B 75/00** (2020.01 - US); **E02B 17/027** (2013.01 - US); **E02B 2017/0039** (2013.01 - EP KR); **E02B 2017/0043** (2013.01 - EP KR); **E02B 2017/0073** (2013.01 - EP KR); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP)

Citation (search report)

See references of WO 2019112421A1

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 2019112421 A1 20190613**; AU 2018379571 A1 20200507; AU 2018379571 B2 20240125; BR 112020011049 A2 20201117; CA 3080105 A1 20190613; CN 111373101 A 20200703; CN 111373101 B 20230829; EP 3721019 A1 20201014; JP 2021505793 A 20210218; KR 20200091415 A 20200730; NL 2020037 B1 20190619; SG 11202003142Y A 20200629; US 2020385946 A1 20201210

DOCDB simple family (application)

**NL 2018050800 W 20181128**; AU 2018379571 A 20181128; BR 112020011049 A 20181128; CA 3080105 A 20181128; CN 201880075290 A 20181128; EP 18839910 A 20181128; JP 2020530507 A 20181128; KR 20207015931 A 20181128; NL 2020037 A 20171207; SG 11202003142Y A 20181128; US 201816769965 A 20181128