

Title (en)

PILE HOLDING SYSTEM AND METHOD

Title (de)

PFAHLHALTESYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE MAINTIEN DE POTEAU

Publication

EP 4229241 A1 20230823 (EN)

Application

EP 21794496 A 20211013

Priority

- NL 2026695 A 20201016
- EP 2021078340 W 20211013

Abstract (en)

[origin: WO2022079112A1] A pile holding system configured to be mounted on a vessel, which comprises a support assembly configured to be mounted on the vessel, and a pile holder. The pile holder has a center axis, and is mounted on the support assembly. It is configured to in a vertical orientation hold the pile along a center axis of the pile holder, and guide the pile while it moves there along. The pile holder comprises one or more rings, and a pile holder frame supporting the lower ring and upper ring mutually spaced along the center axis. Each of the one or more rings comprises a ring structure and multiple pile engaging devices connected to the ring structure such as to be distributed about the circumference, each device being adapted to engage an exterior of a respective region of the pile extending inside the respective ring for holding and guiding the pile. The pile holder comprises one or more sensors or markers which are spaced from each other along the center axis and arranged such that a comparison between indications by the sensors or between observed positions of the markers indicates a vertical inclination of the longitudinal axis of the pile held along the center axis of the pile holder.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022079112A1

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

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DOCDB simple family (application)

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