

Title (en)
OFFSHORE TRANSFER SYSTEM WITH A DOCKING POSITION ON A TRANSFER VESSEL THAT COMPRISES A MOTION COMPENSATED MOORING ELEMENT

Title (de)
OFFSHORE-TRANSFERSYSTEM MIT EINER ANDOCKPOSITION AN EINEM TRANSFERSCHIFF, DAS EIN BEWEGUNGSKOMPENSIERTES VERTÄUELEMENT UMFASST

Title (fr)
SYSTÈME DE TRANSFERT EN MER AVEC UNE POSITION D'AMARRAGE SUR UN NAVIRE DE TRANSFERT COMPRENANT UN ÉLÉMENT D'AMARRAGE À COMPENSATION DE MOUVEMENT

Publication
EP 3862257 A1 20210811 (EN)

Application
EP 21155827 A 20210208

Priority
NL 2024859 A 20200207

Abstract (en)
An offshore transfer system for transferring persons and/or cargo between a transfer vessel (TV) and an offshore object, wherein the transfer vessel (TV) comprises a docking position (DP) with a mooring element (ME), and wherein the offshore object comprises a docking arm, in particular a gangway (GW), that at a free end is provided with a coupling device (CD). The docking position (DP) on the transfer vessel (TV) has its mooring element (ME) at least partly compensated for transfer vessel motions, at least during a docking operation, and comprises one or more force actuators for moving the mooring element (ME) relative to the transfer vessel (TV), one or more sensors for detecting motions of the transfer vessel (TV), and a control unit for driving the one or more force actuators such that the motions of the transfer vessel (TV) get at least partly compensated for the mooring element (ME).

IPC 8 full level
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CPC (source: EP US)
B63B 27/14 (2013.01 - EP US); **B63B 27/30** (2013.01 - EP US); **B63B 2017/0072** (2013.01 - EP US); **B63B 2027/141** (2013.01 - EP)

Citation (applicant)
WO 0220343 A1 20020314 - P & R SYSTEMS [NL], et al

Citation (search report)

- [XAY] EP 2505486 A1 20121003 - FUNDACION CT TECNOLOGICO DE COMPONENTES [ES]
- [YA] WO 2013180564 A1 20131205 - KNOWLEDGE B V Z [NL]
- [X] NL 7705998 A 19771206 - PETROLES CIE FRANCAISE
- [X] EP 2752361 A1 20140709 - HALLCON B V [NL]

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)
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DOCDB simple family (application)
EP 21155827 A 20210208; NL 2024859 A 20200207; US 202117166036 A 20210203