

Title (en)

INTEGRATED DISASSEMBLY SYSTEM AND DISASSEMBLY METHOD FOR LARGE OFFSHORE STRUCTURE

Title (de)

INTEGRIERTES DEMONTAGESYSTEM UND DEMONTAGEVERFAHREN FÜR EINE GROSSE OFFSHORE-STRUKTUR

Title (fr)

SYSTÈME DE DÉMONTAGE INTÉGRÉ ET PROCÉDÉ DE DÉMONTAGE POUR CONSTRUCTION EN MER DE GRANDES DIMENSIONS

Publication

EP 4053012 A1 20220907 (EN)

Application

EP 20910667 A 20201214

Priority

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- CN 201922435538 U 20191230
- CN 2020136068 W 20201214

Abstract (en)

An integrated disassembling and assembling system includes a semi-submersible vessel I (1), a semi-submersible vessel II (3), multiple lifting arms I (2), multiple lifting arms II (4), and an offshore structure (5), where a support I (6) and a support II (7) for the lifting arms I (2) are mounted on the semi-submersible vessel I (1) through bolts; a support I (6) and a support II (7) for the lifting arms II (4) are mounted on the semi-submersible vessel II (3) through bolts; the lifting arms I (2) are arranged on the semi-submersible vessel I (1) in parallel; the lifting arms II (4) are arranged on the semi-submersible vessel II (3) in parallel; the lifting arms I (2) and the lifting arms II (4) are provided with a lifting system having a three-way motion compensation function.

IPC 8 full level

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