

Title (en)

SYSTEM AND METHOD FOR MONITORING OPERATIONS AND PERSONNEL ON OFFSHORE UNIT

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG VON OPERATIONEN UND PERSONAL AUF EINER OFFSHORE-EINHEIT

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE D'OPÉRATIONS ET DE PERSONNEL SUR UNE UNITÉ OFFSHORE

Publication

EP 3818506 A1 20210512 (EN)

Application

EP 19796278 A 20190423

Priority

- US 201815971028 A 20180504
- US 201916390203 A 20190422
- US 201916390220 A 20190422
- US 2019028650 W 20190423

Abstract (en)

[origin: WO2019212795A1] A system and method is used for tracking crew members on an offshore unit during emergencies, rig operations, crane operations, and the like. A static map is created in software and interfaces with a network of receiver nodes physically installed at a predetermined set of measurements to provide coverage to designated areas to locate and identify crew members, who have or wear Bluetooth beacons. During operations, crew members are located and identified in real-time through the network of receiver nodes installed over prespecified coordinates. Cameras and visual recognition processing can operate in the designated areas. The designated areas can include muster stations for crew members to gather in an emergency or can include designated areas in which personnel are restricted while equipment is operating or moving.

IPC 8 full level

G08B 1/08 (2006.01)

CPC (source: EP)

G08B 21/0272 (2013.01); **G08B 21/0275** (2013.01); **G08B 13/19613** (2013.01)

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 2019212795 A1 20191107; EP 3818506 A1 20210512; EP 3818506 A4 20220511

DOCDB simple family (application)

US 2019028650 W 20190423; EP 19796278 A 20190423