

Title (en)

METHOD FOR LOWERING AND HOISTING OF A LOAD TO OR FROM AN OCEAN FLOOR

Title (de)

VERFAHREN ZUM SENKEN UND HEBEN EINER LAST AUF EINEN ODER VON EINEM MEERESBODEN

Title (fr)

PROCÉDÉ POUR ABAISSER UNE CHARGE VERS UN FOND OCÉANIQUE ET LA SOULEVER DE CELUI-CI

Publication

EP 2888193 A1 20150701 (EN)

Application

EP 13831312 A 20130725

Priority

- NO 20120936 A 20120822
- NO 2013000040 W 20130725

Abstract (en)

[origin: WO2014031004A1] A method is described for the lowering of a load (18) to the ocean floor from a vessel (10) that floats on the ocean surface, comprising the features: to couple a first lifting line (20) from a load holding winch (12) to the load (18), to connect a second lifting line (22) from a positioning winch (14a) to the load (18) and to adjust the positioning winch (14a) so that a fraction of the weight of the load (18) is taken up, to set the load holding winch (12) in a constant tension mode and to adjust the load holding winch (12) so that a fraction of the weight of the load is compensated, where the fraction of the weight that the load holding winch (12) takes up is greater than the fraction of the weight which the positioning winch (14a) takes up, and during lowering of the load (18), the positioning winch (14a) lets out the second lifting line (22) for lowering of the load (18), while the load holding winch (12) follows behind with letting out the first lifting line (20). A method for hoisting of the load is also described.

IPC 8 full level

B63B 27/08 (2006.01); **B63B 27/10** (2006.01); **B66C 23/52** (2006.01); **B63B 3/14** (2006.01)

CPC (source: CN EP US)

B63B 27/08 (2013.01 - CN EP US); **B63B 27/10** (2013.01 - CN EP US); **B66C 23/52** (2013.01 - CN EP US);
B63B 2003/147 (2013.01 - CN EP US)

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 2014031004 A1 20140227; BR 112015003639 A2 20180417; CN 104540767 A 20150422; EP 2888193 A1 20150701;
EP 2888193 A4 20160511; NO 20120936 A1 20140224; SG 11201501217V A 20150429; US 2015217838 A1 20150806

DOCDB simple family (application)

NO 2013000040 W 20130725; BR 112015003639 A 20130725; CN 201380042307 A 20130725; EP 13831312 A 20130725;
NO 20120936 A 20120822; SG 11201501217V A 20130725; US 201314423131 A 20130725