

Title (en)

Device for launching and recovering a submersible or surface craft.

Title (de)

Vorrichtung zur Zuwasserlassung und Bergung eines Unterwasser- oder Oberflächengeräts

Title (fr)

Dispositif de mise à l'eau et de récupération d'un engin submersible ou de surface

Publication

**EP 2468621 B1 20160302 (FR)**

Application

**EP 11194970 A 20111221**

Priority

FR 1061175 A 20101223

Abstract (en)

[origin: EP2468621A1] The device has a clamp (71) mounted on a suspension unit (70) of a submersible/surface craft (12) and including arms (104, 106) moving in rotation between open and closed positions for gripping the craft. A conical docking unit (72) is mounted in rotation on the suspension unit, and receives an end of the craft so as to allow alignment of the craft with the docking unit. The docking unit is provided with an opening for passage of a cable connected to the craft. The suspension unit comprises deformable suspension columns (74, 76) extending downwardly from a horizontal main support beam (73). An independent claim is also included for a system for launching and recovering a submersible or surface craft, comprising a chassis fixed on a surface naval vehicle.

IPC 8 full level

**B63B 23/32** (2006.01); **B63B 27/16** (2006.01); **B63B 35/00** (2006.01); **B63G 8/00** (2006.01)

CPC (source: EP)

**B63B 23/32** (2013.01); **B63B 27/16** (2013.01); **B63B 2027/165** (2013.01); **B63B 2035/008** (2013.01); **B63G 2008/007** (2013.01)

Cited by

IT202100022478A1; CN109367706A; CN113697045A; US2022063780A1; US11414163B2; US9067648B2; WO2017017701A1; WO2014039690A1; WO2023026100A1

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

DOCDB simple family (publication)

**EP 2468621 A1 20120627**; **EP 2468621 B1 20160302**; FR 2969573 A1 20120629; FR 2969573 B1 20130208; SG 182120 A1 20120730

DOCDB simple family (application)

**EP 11194970 A 20111221**; FR 1061175 A 20101223; SG 2011095791 A 20111222