

Title (en)

UNMANNED SURFACE VESSEL FOR REMOTELY OPERATED UNDERWATER VEHICLE OPERATIONS

Title (de)

UNBEMANNTES ÜBERWASSERSCHIFF FÜR FERNGESTEUERTE UNTERWASSERFAHRZEUGOPERATIONEN

Title (fr)

NAVIRE DE SURFACE SANS PILOTE POUR DES OPÉRATIONS DE VÉHICULE SOUS-MARIN ACTIONNÉ À DISTANCE

Publication

EP 3778373 B1 20230823 (EN)

Application

EP 20198858 A 20170425

Priority

- NO 20160706 A 20160427
- EP 17727736 A 20170425
- NO 2017050101 W 20170425

Abstract (en)

[origin: WO2017188823A1] The invention relates to an unmanned surface vessel for remotely operated underwater vehicle (ROV) operations, comprising an ROV, a deployment and recovery device to deploy an ROV from the vessel to water and recover the ROV from the water to the vessel, and a vessel control unit controlling the deployment and recovery of the ROV, the operation of the ROV, and movements of the vessel.

IPC 8 full level

B63B 35/00 (2020.01); **B63B 27/16** (2006.01); **B63G 8/00** (2006.01); **B63B 3/14** (2006.01); **B63C 11/42** (2006.01)

CPC (source: EP NO US)

B63B 35/00 (2013.01 - EP US); **B63G 8/001** (2013.01 - EP); **B63B 2003/147** (2013.01 - EP); **B63B 2027/165** (2013.01 - EP NO); **B63B 2035/006** (2013.01 - NO); **B63B 2035/007** (2013.01 - EP NO); **B63B 2035/008** (2013.01 - EP); **B63G 2008/007** (2013.01 - EP); **B63G 2008/008** (2013.01 - EP)

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)

WO 2017188823 A1 20171102; DK 3448748 T3 20220704; DK 3778373 T3 20231030; EP 3448748 A1 20190306; EP 3448748 B1 20220406; EP 3778373 A1 20210217; EP 3778373 B1 20230823; EP 4242096 A2 20230913; EP 4242096 A3 20231108; ES 2920894 T3 20220811; ES 2963531 T3 20240327; FI 3778373 T3 20231031; HR P20220773 T1 20220916; HR P20231138 T1 20240105; HU E059097 T2 20221028; HU E064019 T2 20240228; LT 3448748 T 20220711; LT 3778373 T 20231025; NO 20160706 A1 20171030; NO 341429 B1 20171113; PL 3448748 T3 20220725; PL 3778373 T3 20240219; PT 3448748 T 20220705; PT 3778373 T 20231120; SI 3448748 T1 20220930; SI 3778373 T1 20240131

DOCDB simple family (application)

NO 2017050101 W 20170425; DK 17727736 T 20170425; DK 20198858 T 20170425; EP 17727736 A 20170425; EP 20198858 A 20170425; EP 23181517 A 20170425; ES 17727736 T 20170425; ES 20198858 T 20170425; FI 20198858 T 20170425; HR P20220773 T 20170425; HR P20231138 T 20170425; HU E17727736 A 20170425; HU E20198858 A 20170425; LT 20198858 T 20170425; LT NO2017050101 T 20170425; NO 20160706 A 20160427; PL 17727736 T 20170425; PL 20198858 T 20170425; PT 17727736 T 20170425; PT 20198858 T 20170425; SI 201731170 T 20170425; SI 201731413 T 20170425