

Title (en)  
FLOATING MARITIME VESSEL COMPRISING A DETACHABLE MEASURING KEEL

Title (de)  
SCHWIMMENDES WASSERFAHRZEUG MIT ABNEHMBAREM MESSKIEL

Title (fr)  
ENGIN MARITIME FLOTTANT A QUILLE DE MESURE AMOVIBLE

Publication  
**EP 3717346 B1 20230125 (FR)**

Application  
**EP 18826770 A 20181130**

Priority  
• FR 1761547 A 20171201  
• FR 2018053056 W 20181130

Abstract (en)  
[origin: WO2019106314A1] The invention relates to a floating maritime vessel (1) comprising at least one hull (2) beneath a deck (4), said hull (2) extending between a bow and a stern in a longitudinal direction of the vessel (1), the vessel (1) comprising, on its lower part, a removable keel (3) and, on its upper part, a conning tower (9) erected above the deck, the keel (3) being able to be descended below the hull (2) and raised back through the hull (2), the keel (3) comprising a lower end and an upper end, the upper end of the keel connecting to the hull when the keel is in its lowered position. According to the invention, the conning tower (9) contains a keel storage space (13) and the keel (3) and the keel storage space (13) of the conning tower (9) are aligned such that the keel (3) can be raised by upward translation at least partly into the keel storage space (13) of the conning tower (9).

IPC 8 full level  
**B63B 41/00** (2006.01)

CPC (source: EP US)  
**B63B 1/04** (2013.01 - US); **B63B 1/24** (2013.01 - US); **B63B 3/38** (2013.01 - US); **B63B 3/48** (2013.01 - US); **B63B 41/00** (2013.01 - EP US); **B63B 79/10** (2020.01 - US); **B63H 21/17** (2013.01 - US); **B63B 2041/003** (2013.01 - EP)

Citation (examination)  
• ES 2528566 A1 20150210 - MARINE INSTR S A [ES]  
• EP 1876094 A2 20080109 - NETA N V [BE]

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 2019106314 A1 20190606**; CA 3083954 A1 20190606; EP 3717346 A1 20201007; EP 3717346 B1 20230125; FR 3074474 A1 20190607; FR 3074474 B1 20220408; US 11319037 B2 20220503; US 2021171166 A1 20210610

DOCDB simple family (application)  
**FR 2018053056 W 20181130**; CA 3083954 A 20181130; EP 18826770 A 20181130; FR 1761547 A 20171201; US 201816768758 A 20181130