

Title (en)

BOAT PROPULSION AND STEERING SYSTEM WITH FULLY SUBMERGED ROTORS

Title (de)

ANTRIEBS- UND LENKSYSTEM MIT UNTERWASSERROTOREN FÜR EIN BOOT

Title (fr)

SYSTÈME DE PROPULSION ET DE DIRECTION DE BATEAU AVEC ROTORS TOTALEMENT IMMERGÉS

Publication

EP 2443030 B1 20160413 (EN)

Application

EP 09787758 A 20090619

Priority

IT 2009000273 W 20090619

Abstract (en)

[origin: WO2010146610A1] The subject matter of this invention is a boat propulsion and steering system with fully submerged rotors that allows both the forward movement of the boat and its steering. The system proves particularly suitable for being installed on small boats and is basically made up by a pair of propellers (1), which are symmetrical with respect to the boat center line, fully submerged, inside the hull lines laying within the bottom surface of the hull, or inside the surfaces if it is V-shaped, close to the transom.

IPC 8 full level

B63H 1/04 (2006.01); **A63H 23/04** (2006.01); **B63B 35/73** (2006.01); **B63H 11/00** (2006.01); **B63H 11/08** (2006.01); **B63H 11/107** (2006.01); **B63H 16/18** (2006.01); **B63H 21/14** (2006.01); **B63H 21/17** (2006.01); **B63H 23/02** (2006.01); **B63H 23/06** (2006.01); **B63H 25/46** (2006.01)

CPC (source: EP)

B63H 11/08 (2013.01); **B63H 16/18** (2013.01); **B63H 11/107** (2013.01); **B63H 21/14** (2013.01); **B63H 21/17** (2013.01); **B63H 25/46** (2013.01); **B63H 2011/008** (2013.01); **B63H 2011/087** (2013.01); **B63H 2016/185** (2013.01); **B63H 2023/0258** (2013.01); **B63H 2023/062** (2013.01); **B63H 2023/065** (2013.01)

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

WO 2010146610 A1 20101223; EP 2443030 A1 20120425; EP 2443030 B1 20160413

DOCDB simple family (application)

IT 2009000273 W 20090619; EP 09787758 A 20090619