Title (en)

REDUCTION OF BIOFOULING ON WATERCRAFT

Title (de)

VERMINDERUNG VON BIOFOULING AUF WASSERFAHRZEUGEN

Title (fr)

RÉDUCTION DE L'ENCRASSEMENT BIOLOGIQUE SUR DES EMBARCATIONS

Publication

EP 4361017 A1 20240501 (EN)

Application

EP 22204802 A 20221031

Priority

EP 22204802 A 20221031

Abstract (en)

The proposed technology relates to a hull arrangement (12) for a watercraft (10) for preventing biological growth or biofouling. The arrangement comprises: a hull (14) having an inside and an outside; an electrically conductive first film (18) covering the outside of the hull (14) on a first portion of the hull (14); a first electrical connector (20) connecting to the conductive first film (18); a second electrical connector (22) connecting to the conductive first film (18) and spaced apart from the first electrical connector (20); and an electric power source (24) connected to the first electrical connector (20) and the second electrical connector (22) and configured for supplying a first electric current via the first electrical connector (20) and the second electrical connector (22). The first film (18) constitutes an uninterrupted electrical conductor between the first electrical connector (20) and the second electrical conductor (22).

IPC 8 full level

B63B 59/04 (2006.01)

CPC (source: EP)

B63B 59/04 (2013.01)

Citation (search report)

- [XYI] WO 2009113893 A1 20090917 - MATVEEV VLADIMIR ANATOLEVICH [RU], et al
- [XYI] JP S59124489 A 19840718 - MITSUI SHIPBUILDING ENG
- [XYI] EP 3495055 A1 20190612 - TECHNIP FRANCE [FR]
- [XYI] JP H11104649 A 19990420 - KEM KK
- [XY] EP 0369557 A1 19900523 - MITSUBISHI HEAVY IND LTD [JP]
- [XYI] WO 2006019464 A1 20060223 - BRUNSWICK CORP [US], et al
- [XI] JP 2014133729 A 20140724 - NAGAURA YOSHIAKI

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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