

Title (en)
ANTI-FOULING ROBOT

Title (de)
ANTIFOULING-ROBOTER

Title (fr)
ROBOT ANTISALISSURES

Publication
EP 3838736 A1 20210623 (EN)

Application
EP 19217710 A 20191218

Priority
EP 19217710 A 20191218

Abstract (en)
The invention proposes an anti-fouling robot (14), for cleaning a hull (12) of a marine vessel (10), comprising an attachment device (18) configured to adhere the robot (14) to the hull (12) of the marine vessel (10), a maneuvering device (22) configured to move the robot (14) across the surface of the hull (12) of the marine vessel (10), a cleaning device (20) configured to remove biofouling from the surface of the hull (12) of the marine vessel (10), and an energy generation device (24) configured to generate energy for the operation of the robot (14).

IPC 8 full level
B63B 59/08 (2006.01); **B63B 59/04** (2006.01); **B63B 59/10** (2006.01)

CPC (source: EP)
B63B 59/08 (2013.01); **B63B 59/10** (2013.01); **B63J 2003/046** (2013.01)

Citation (applicant)
EP 3415412 A1 20181219 - GAC ENVIRONHULL LTD [AE]

Citation (search report)
• [X1] US 2011282536 A1 20111117 - ROONEY III JAMES H [US]
• [X1] US 2014076223 A1 20140320 - SMITH FRASER M [US]
• [A] WO 2014072556 A1 20140515 - UNIV DA CORU A [ES]

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WO2023117197A1; WO2024145565A1

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

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BA ME

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