

Title (en)

Device for cleaning by way of a fluid jet a submerged surface of a marine construction from mussels and other organisms

Title (de)

Vorrichtung zum Reinigen mit einem Fluidstrom einer eingetauchten Fläche einer Wasserkonstruktion von Muscheln und anderen Organismen

Title (fr)

Dispositif de nettoyage de moules et autres organismes de la surface immergée d'une construction marine par jet de fluide

Publication

EP 2305556 A1 20110406 (EN)

Application

EP 09171844 A 20090930

Priority

EP 09171844 A 20090930

Abstract (en)

The present invention relates to a cleaning device for removing mussels and other marine organisms from a submerged surface of a construction at sea, the cleaning device comprising: - a movable arm comprising a proximal end which is constructed to be mounted on a vessel, - at least one nozzle mounted at a distal end of the moveable arm, the nozzle being constructed to eject a fluid for removing the mussels and other organisms, - a fluid supply conduit extending along the arm from the proximal end to the distal end and being connected to the nozzle, wherein the cleaning device is configured for ejecting a fluid jet having a discharge between 10000 - 30000 liter per minute and a pressure of 10 - 40 bar.

IPC 8 full level

B63B 59/08 (2006.01)

CPC (source: EP)

B63B 59/08 (2013.01)

Citation (applicant)

GB 1294011 A 19721025 - FLEMING RONALD JAMES

Citation (search report)

- [I] FR 1448241 A 19660805
- [I] FR 2612875 A1 19880930 - VANEK MICHEL [FR]
- [I] US 4445451 A 19840501 - VAN DEN BROEK BERNARDUS C [NL]
- [I] WO 0244020 A1 20020606 - TIBLE JEAN PHILIPPE [FR]

Cited by

CN112572717A; CN111252206A; EP2532578A1

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 SM TR

DOCDB simple family (publication)

EP 2305556 A1 20110406; EP 2305556 B1 20130515

DOCDB simple family (application)

EP 09171844 A 20090930