

Title (en)

MARITIME VEHICLE SYSTEMS AND METHODS

Title (de)

MEERESFAHRZEUGSYSTEME UND VERFAHREN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE VÉHICULES MARINS

Publication

EP 4085002 A4 20240306 (EN)

Application

EP 21738446 A 20210105

Priority

- US 202062957478 P 20200106
- US 2021012223 W 20210105

Abstract (en)

[origin: WO2021141923A1] Implementations described and claimed herein provide an underwater vehicle includes a vehicle body having a frame enclosed by a fairing. The vehicle body extends between a proximal end and a distal end and defining an interior. A nose is disposed at the proximal end of the vehicle body. The nose has a tow system configured to move between a tow position and a stow position. A propulsion system is disposed at the distal end of the vehicle body. The propulsion system includes a plurality of control fins and a thruster. A power distribution system is housed in the interior of the vehicle body. The power distribution system includes a first power system housed in a first pressure vessel and a second power system housed in a second pressure vessel. The first pressure vessel is isolated from the second pressure vessel.

IPC 8 full level

B63G 8/00 (2006.01); **B63B 3/13** (2006.01); **B63B 3/34** (2006.01); **B63G 8/08** (2006.01); **B63G 8/41** (2006.01)

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B63B 3/13 (2013.01); **B63G 8/001** (2013.01); **B63G 8/08** (2013.01); **B63G 8/20** (2013.01); **B63G 8/42** (2013.01); **B63G 2008/004** (2013.01)

Citation (search report)

- [XAI] CN 108622343 A 20181009 - UNIV HEBEI SCIENCE & TECH
- [XII] US 2019047669 A1 20190214 - VILORIA WAYNE ALLEN [US], et al
- [XAI] ROSSOL TOBIAS ET AL: "Miniaturized Underwater Gliders as Payload Transfer Units", 2018 IEEE/OES AUTONOMOUS UNDERWATER VEHICLE WORKSHOP (AUV), IEEE, 6 November 2018 (2018-11-06), pages 1 - 7, XP033557136, DOI: 10.1109/AUV.2018.8729763
- See also references of WO 2021141923A1

Designated contracting state (EPC)

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US 2021012223 W 20210105; AU 2021206184 A 20210105; CA 3163827 A 20210105; EP 21738446 A 20210105; JP 2022541985 A 20210105