

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
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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
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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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