

Title (en)  
SYSTEMS AND METHODS FOR SEMI-SUBMERSIBLE LAUNCH AND RECOVERY OF OBJECTS FROM MULTI-MODE UNMANNED VEHICLE

Title (de)  
SYSTEME UND VERFAHREN FÜR HALBTAUCHFÄHIGEN ABSCHUSS UND BERGUNG VON OBJEKTEN AUS MULTIMODALEN UNBEMANNTEN FAHRZEUGEN

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE LANCEMENT SEMI-SUBMERSIBLE ET DE RÉCUPÉRATION D'OBJETS À PARTIR DE VÉHICULE MULTIMODE SANS PILOTE

Publication  
**EP 3792172 B1 20220413 (EN)**

Application  
**EP 20181893 A 20200624**

Priority  
US 201916449824 A 20190624

Abstract (en)  
[origin: EP3792172A1] The systems and associated methods are for autonomously launching and recovering payload objects such as vessels, equipment and people by partially submerging a multi-mode unmanned vehicle in a controlled manner. Mechanical, power, signal and logical system components operate in a coordinated manner to repeatedly and reliably perform unmanned launch and recovery of payloads in a variety of conditions and sea states from a catamaran style hull with multi-mode, high-performance characteristics.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN115339599A; CN116176779A; CN113978674A; CN112631305A

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