

Title (en)

SYSTEM FOR DEPLOYING AND RECOVERING AN AUTONOMOUS UNDERWATER DEVICE, METHOD OF USE

Title (de)

SYSTEM ZUR EINSETZEN UND ZURÜCKHOLEN EINER AUTONOMEN UNTERWASSERVORRICHTUNG, VERFAHREN ZUR VERWENDUNG

Title (fr)

SYSTÈME POUR LE DÉPLOIEMENT ET LA RÉCUPÉRATION D'UN ENGIN AUTONOME SOUS-MARIN, PROCÉDÉ D'UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO2019207263A1] The invention relates to a system (1, 1', 1'') for deploying and recovering an autonomous underwater device (4) using a surface carrier ship (2, 6, 7), which system comprises, in addition to the carrier ship (2, 6, 7), a sub-aquatic vehicle (3) which is guided by a connection wire (5) which is connected to the carrier ship (2, 6, 7), the sub-aquatic vehicle (3) being able to be positioned in a storage configuration in which the sub-aquatic vehicle (3) is fixedly joined in a removable manner to the carrier ship (2, 6, 7) in a storage zone of the carrier ship, or in a configuration for use, in which the sub-aquatic vehicle, when separated from the carrier ship (2, 6, 7), is in the water and at a distance from the carrier ship while remaining connected by the connection wire (5), the sub-aquatic vehicle (3) comprising propulsion, guiding and stabilising means and a station for receiving the autonomous underwater device (4) which allows the autonomous underwater device (4) to be removably attached to the sub-aquatic vehicle (3), the receiving station and the autonomous underwater device (4) comprising complementary automated docking means which allow the autonomous underwater device (4), when deployed, to automatically dock with the receiving station of the sub-aquatic vehicle (3) during the recovery and to attach itself thereto.

IPC 8 full level

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