

Title (en)

MEASUREMENT SYSTEM FOR AQUATIC ENVIRONMENTS COMPRISING A SURFACE VESSEL AND A SUBMERSIBLE DEVICE

Title (de)

MESSSYSTEM FÜR WASSERUMGEBUNGEN MIT EINEM OBERFLÄCHENSCHIFF UND EINER TAUCHVORRICHTUNG

Title (fr)

SYSTÈME DE MESURE POUR MILIEU AQUATIQUE COMPORTANT UN NAVIRE DE SURFACE ET UN ENGIN SUBAQUATIQUE

Publication

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Application

**EP 17792117 A 20171003**

Priority

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Abstract (en)

[origin: WO2018065723A1] The invention relates to a measurement system (1) for aquatic environments, said system comprising a surface vessel (4) and a submersible device (2), the submersible device (2) comprising a hull (29) and propulsion and guiding means (20, 21) and also sensors (25) for taking measurements, wherein the submersible device (2) can either be launched from the vessel (4) in order to then maneuver underwater independently of the vessel during a remote deployment phase, or be stored in the vessel (4) during a non-deployment phase, the vessel (4) comprising at least one hull (42) and propulsion and guiding means (40), said at least one hull (42) of the vessel (4) comprising a submerged portion located below a waterline. According to the invention, the submerged portion of said at least one hull (42) of the vessel (4) comprises a recess (43) designed to receive at least an upper portion of the hull (29) of the submersible device (2) when the latter is stored in the vessel (4), said recess (43) being arranged entirely below the waterline so that the submersible device (2) remains completely submerged during storage.

IPC 8 full level

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