

Title (en)

USE OF AN AIR-WATER DRONE FOR LOCATING AND IDENTIFYING AN OBJECT UNDER WATER

Title (de)

VERWENDUNG EINER LUFT-WASSER DROHNE ZUM LOKALISIEREN UND IDENTIFIZIEREN EINES OBJEKTS UNTER WASSER

Title (fr)

UTILISATION D'UN DRONE AIR-EAU POUR LA LOCALISATION ET L'IDENTIFICATION D'UN OBJET SOUS L'EAU

Publication

EP 4200202 A1 20230628 (DE)

Application

EP 21762652 A 20210810

Priority

- DE 102020210449 A 20200818
- EP 2021072323 W 20210810

Abstract (en)

[origin: WO2022038005A1] The invention relates to the use of an air-water drone (20) for locating and identifying an object (24) under water (32). The air-water drone flies over an area in which the object (24) is suspected to be in order to locate the position of the object (24) using the air-water drone (20) by means of a sensor (22). The use also comprises immersing at least the sensor (22) or a further sensor, in particular of the same type, of the air-water drone (20) in the water (32) at the located position in order to identify the object (24).

IPC 8 full level

B63C 11/48 (2006.01); **B63G 7/02** (2006.01)

CPC (source: EP US)

B63B 35/00 (2013.01 - EP); **B63C 11/48** (2013.01 - EP); **B63G 7/02** (2013.01 - EP); **B63G 8/001** (2013.01 - EP); **B64U 10/13** (2023.01 - EP US);
B63G 2007/005 (2013.01 - EP); **B64U 2101/15** (2023.01 - EP US); **B64U 2101/20** (2023.01 - EP US); **B64U 2101/30** (2023.01 - EP US)

Citation (search report)

See references of WO 2022038005A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020210449 A1 20220224; EP 4200202 A1 20230628; WO 2022038005 A1 20220224

DOCDB simple family (application)

DE 102020210449 A 20200818; EP 2021072323 W 20210810; EP 21762652 A 20210810