

Title (en)
COLLABORATIVE SYSTEM OF SUB-AQUATIC VEHICLES FOR FOLLOWING SUBMERGED LINEAR ELEMENTS AND METHOD IMPLEMENTING THIS SYSTEM

Title (de)
KOLLABORATIVES SYSTEM VON SUBAQUATISCHEN FAHRZEUGEN ZUM VERFOLGEN VON LINEAREN UNTERWASSERELEMENTEN UND DIESES SYSTEM IMPLEMENTIERENDES VERFAHREN

Title (fr)
SYSTÈME COLLABORATIF DE VÉHICULES SUBAQUATIQUES DE SUIVI D'ÉLÉMENTS LINÉAIRES IMMERGÉS ET PROCÉDÉ METTANT EN UVRE CE SYSTÈME

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Abstract (en)
[origin: WO2018219975A1] The present invention relates to a collaborative system of sub-aquatic vehicles (10) able to follow a submerged linear element (1, 33) capable of varying or of producing a magnetic field, comprising at least a first sub-aquatic vehicle (13, 37, 38, 39) intended for following the position of the linear element (1, 33), a second sub-aquatic vehicle (11, 35) comprising at least a first system able to indicate its position and at least a first means (28) of measuring said magnetic field able to indicate a first angle (26) measured between the vertical and a first direction (30) of said magnetic field, a third sub-aquatic vehicle (12, 36) comprising at least a second system able to indicate its position and at least a second means (29) of measuring said magnetic field able to indicate a second angle (27) measured between the vertical and a second direction (31) of said magnetic field, the first sub-aquatic vehicle (13, 37, 38, 39) being situated vertically or to the rear of the second and third sub-aquatic vehicles (11, 35, 12, 36), at least one of said sub-aquatic vehicles (13, 37, 38, 39, 11, 12) comprising a means of calculating said position of said linear element (1, 33) and the first sub-aquatic vehicle (13, 37, 38, 39) being able to use the position of said linear element (1, 33) in order to follow it.

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Cited by
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