

Title (en)

Method and system for virtual dynamic anchoring of watercraft

Title (de)

Verfahren und System zur virtuellen dynamischen Verankerung eines Wasserfahrzeugs

Title (fr)

Procédé et système pour l'ancrage dynamique virtuel de bateaux

Publication

**EP 2360091 A1 20110824 (EN)**

Application

**EP 11152914 A 20110201**

Priority

IT TO20100092 A 20100210

Abstract (en)

A method for dynamic anchoring of watercraft with a virtual anchor, comprising the steps of: - acquiring the position of a virtual-anchorage point (A) of the watercraft (B); - determining a virtual anchorage radius (R) as a function of the depth (P) in said virtual-anchorage point (A); - periodically defining the geographical co-ordinates of a mooring point (S, S') situated at a distance from said virtual-anchorage point (A) equal to said virtual anchorage radius (R) and on a half-line having origin in said anchorage point (A) and direction coinciding with the direction of the wind (W, W'); and - positioning and maintaining the watercraft (B) in the proximity of said mooring point (S, S').

IPC 8 full level

**B63H 25/42** (2006.01)

CPC (source: EP)

**B63H 25/42** (2013.01)

Citation (applicant)

- US 2003191562 A1 20031009 - ROBERTSON GLEN E [US], et al
- WO 9528682 A1 19951026 - ROBERTSON GLEN E [US]

Citation (search report)

- [AD] US 2003191562 A1 20031009 - ROBERTSON GLEN E [US], et al
- [AD] WO 9528682 A1 19951026 - ROBERTSON GLEN E [US]
- [A] US 5386368 A 19950131 - KNIGHT STEVEN J [US]
- [A] GB 1219942 A 19710120 - INST FRANCAIS DU PETROLE [FR]
- [A] US 3280311 A 19661018 - SHATTO JR HOWARD L, et al
- [A] NL 6509422 A 19660124
- [A] FR 2222269 A1 19741018 - AUTOMATISME CIE GLE [FR]
- [A] GB 2417017 A 20060215 - HEEREMA MARINE CONTRACTORS NL [NL]

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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

DOCDB simple family (publication)

**EP 2360091 A1 20110824; EP 2360091 B1 20121121**; IT 1397987 B1 20130204; IT TO20100092 A1 20110811

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**EP 11152914 A 20110201**; IT TO20100092 A 20100210