Title (en)

METHOD FOR PREDICTING AT LEAST ONE MOVEMENT OF A SHIP UNDER THE EFFECT OF THE WAVES

Title (de)

VERFAHREN ZUR VORHERSAGE MINDESTENS EINER BEWEGUNG EINES SCHIFFES UNTER EINWIRKUNG VON WELLEN

Title (fr)

PROCÉDÉ DE PRÉVISION D'AU MOINS UN MOUVEMENT D'UN NAVIRE SOUS L'EFFET DE LA HOULE

Publication

EP 2849994 A1 20150325 (FR)

Application

EP 13723095 A 20130514

Priority

- FR 1254503 A 20120516
- EP 2013059871 W 20130514

Abstract (en)

[origin: WO2013171179A1] The method comprises: a step of estimating a direction (D) and a speed of propagation of the waves, a step of measuring the change in a characteristic size of the waves, at at least one measurement point (P) located upstream from the ship in the direction of propagation (D), by periodically measuring said size, a step of detecting a lull in the waves at the measurement point (P), made using the measurement of the change in the characteristic size, this detection step comprising a measurement of a duration of a detected lull, and, when the lull in the waves is detected at the measurement point (P): a step of calculating a time interval between the detection of the lull in the waves at the detected measurement point (P) and a point in time when this lull has an effect on the movement of the ship (N), said calculation being made, in particular, on the basis of the estimated speed of propagation of the waves.

IPC 8 full level

B63B 39/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013171179A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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