

Title (en)

METHOD AND DEVICE FOR DETERMINING SLOSHING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG VON SLOSHING

Title (fr)

MÉTHODE ET DISPOSITIF DE DÉTERMINATION DU BALLOTTEMENT

Publication

**EP 3966101 A1 20220316 (FR)**

Application

**EP 20723138 A 20200507**

Priority

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- EP 2020062678 W 20200507

Abstract (en)

[origin: WO2020225353A1] The invention relates to a method (200) for determining the sloshing of a liquid load of a ship, the method (200) comprising: a step (206) of determining a single-mode excitation on the basis of a multi-mode excitation to which the vessel is subjected, the multi-mode excitation comprising a wave state and a sea state of the wind, wherein the wave state comprises a wave direction and the sea state of the wind comprises a sea direction of the wind, and wherein the single-mode excitation has a total direction equivalent to either the wave direction or the sea direction of the wind closest to a direction perpendicular to the longitudinal axis of the ship, and a step (208) of determining a datum relating to the sloshing of the load on the basis of the single-mode excitation.

IPC 8 full level

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