

Title (en)

SELF CONTAINED ECOLOGICAL DYNAMIC BOAT PITCH AND ROLL TRIM SYSTEM BY ALTERATION OF THE HULL WATER FLOW

Title (de)

AUTONOMES ÖKOLOGISCHES DYNAMISCHES NICK- UND ROLLBALANCESYSTEM FÜR EIN BOOT MITTELS ÄNDERUNG DES RUMPFWASSERFLUSSES

Title (fr)

SYSTÈME D'ÉQUILIBRAGE DU TANGAGE ET DU ROULIS POUR UN BATEAU DYNAMIQUE ÉCOLOGIQUE AUTONOME AGISSANT PAR MODIFICATION DE L'ÉCOULEMENT DE L'EAU SUR LA COQUE

Publication

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Application

**EP 10745675 A 20100719**

Priority

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Abstract (en)

[origin: WO2011010172A2] The self contained ecological dynamic boat pitch and roll trim system by alteration of the hull water flow, of this invention consists of a main body (1) inside of which an elastic flexible pressure means (5), is being housed properly, located on supporting plates (4), compression-retraction springs (7) of said flexible elastic pressure means (5), spring guides (8), spring housing tubes (9), a hydrodynamic barrier (6), a back guide (2) and a front guide (10) for the hydrodynamic barrier (6) and a cover (3), being characterized in that said flexible elastic pressure means (5) is being independent and self contained, said system is also being capable of operating with no seals by use of only water, requiring no dedicated water pump, is being capable of being self cleaned internally and has the form of a cubic shape.

IPC 8 full level

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