

Title (en)

Arrangement for controlling the motion of a vessel hull

Title (de)

Vorrichtung zur Steuerung der Bewegungen eines Schiffsrumpfes

Title (fr)

Dispositif de regulation des mouvements de une coque de bateau

Publication

**EP 1477402 B1 20080109 (EN)**

Application

**EP 03076486 A 20030516**

Priority

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Abstract (en)

[origin: EP1477402A1] The present invention relates to an arrangement for controlling the motion of a vessel hull (15) comprising: a tapered fin (9) defining a span and having a swept leading edge (10), a generally vertical trailing edge (11) and being adapted for mounting on said hull (15); and an interceptor element (12) arranged at said trailing edge (11) and being adapted to be deployed in a direction which is generally perpendicular to the longitudinal extension of the fin (9) in order to generate forces for controlling said hull (15). According to the invention, said interceptor element (12) is adapted for providing a deployment so that the ratio (h(s)/C(s)) between its deployment distribution and the chord length distribution of said fin (9) along said span is essentially constant. By means of the invention, an improved arrangement for steering high-speed ships is provided. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

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