

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

EP 03076486 A 20030516

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

B63H 25/38 (2006.01); **B63H 25/44** (2006.01)

CPC (source: EP)

B63H 25/381 (2013.01); **B63H 25/382** (2013.01); **B63H 25/44** (2013.01)

Cited by

CN102015437A; US8622012B2; WO2009113923A1; US11372411B1; US12007771B1

Designated contracting state (EPC)

FR GB IT NL

DOCDB simple family (publication)

EP 1477402 A1 20041117; EP 1477402 B1 20080109

DOCDB simple family (application)

EP 03076486 A 20030516