

Title (en)

Rudder assembly for ships with high speeds with a cavitation reducing, twisted, in particular floating rudder

Title (de)

Ruderanordnung für Schiffe mit höheren Geschwindigkeiten mit einem kavitationsreduzierenden, twistierten, insbesondere Vollschräuber

Title (fr)

Agencement de gouvernail pour bateaux à vitesses élevées et d'un gouvernail réduisant la cavitation, torsadé en particulier gouvernail à suspension totale

Publication

EP 2154064 B1 20120411 (DE)

Application

EP 08016049 A 20080911

Priority

DE 202008010759 U 20080813

Abstract (en)

[origin: US2010037809A1] The rudder arrangement for ships comprises a twisted balanced rudder blade having a slender profile and having a low profile thickness and comprising a propeller facing the rudder blade and a rudder pipe located in the upper region of the rudder blade with rudder post located therein, wherein the rudder blade comprises two superposed rudder blade sections having different heights whose front nose strips facing the propeller are offset in such a manner that one nose strip is offset to port or starboard and the other nose strip is offset to starboard or port, wherein the two side wall surfaces of the rudder blade converge into an end strip facing away from the propeller and have different arc profiles.

IPC 8 full level

B63H 25/38 (2006.01)

CPC (source: EP US)

B63H 25/38 (2013.01 - EP US); **B63H 2025/388** (2013.01 - EP US)

Cited by

CN105416554A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010037809 A1 20100218; US 8091498 B2 20120110; AT E553028 T1 20120415; CN 101648596 A 20100217; CN 101648596 B 20111228; DE 202009001101 U1 20090402; EP 2154064 A1 20100217; EP 2154064 B1 20120411; ES 2385822 T3 20120801; HR P20120570 T1 20120831; PL 2154064 T3 20120928; UA 96177 C2 20111010; UA 96978 C2 20111226

DOCDB simple family (application)

US 28489808 A 20080925; AT 08016049 T 20080911; CN 200810189877 A 20080927; DE 202009001101 U 20090130; EP 08016049 A 20080911; ES 08016049 T 20080911; HR P20120570 T 20120710; PL 08016049 T 20080911; UA A200908340 A 20090807; UA A200908475 A 20090812