

Title (en)

DYNAMIC RUDDER WHICH IS USED TO STEER VESSELS

Title (de)

ZUM STEUERN VON SCHIFFEN VERWENDETES DYNAMISCHES RUDER

Title (fr)

GOUVERNAIL DYNAMIQUE S'UTILISANT POUR LA GOUVERNE DE BATEAUX

Publication

EP 1504991 B1 20100428 (EN)

Application

EP 02793138 A 20021129

Priority

- ES 0200569 W 20021129
- ES 200200171 A 20020125

Abstract (en)

[origin: EP1504991A1] A dynamic rudder applicable for controlling ships, which consists of incorporating a cylinder on the lower part of the longitudinally situated keel or board, provided with two deposits on its ends, filled with water up to 50%, and which, by means of a pump, the water is moved from one to the other, having a horizontal shaft perpendicular to the longitudinal, shaft of the ship and parallel to the plane of the water.
<IMAGE>

IPC 8 full level

B63H 25/52 (2006.01); **B63H 25/38** (2006.01); **B63H 25/42** (2006.01)

CPC (source: EP ES)

B63H 25/52 (2013.01 - EP ES)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1504991 A1 20050209; **EP 1504991 B1 20100428**; DE 60236215 D1 20100610; ES 2216663 A1 20041016; ES 2216663 B1 20060301; WO 03062051 A1 20030731

DOCDB simple family (application)

EP 02793138 A 20021129; DE 60236215 T 20021129; ES 0200569 W 20021129; ES 200200171 A 20020125