

Title (en)

MOVABLE BALLAST FOR SAILBOAT AND SHIP

Title (de)

BEWEGBARER BALLAST FÜR EIN SEGELBOOT UND SCHIFF

Title (fr)

BALLAST MOBILE POUR BATEAU À VOILE ET NAVIRE

Publication

EP 2197734 B1 20130306 (EN)

Application

EP 07803086 A 20070830

Priority

EP 2007059078 W 20070830

Abstract (en)

[origin: WO2009026964A1] The stiffness and comfort of a sailboat are considerably improved by means of a movable ballast moving in a tunnel or conduit built inside and close to the hull. A set of rails or tracks is fitted around the tunnel sides allowing the ballast to move accurately when the boat is sailing in a rough sea. The ballast is made of lead this allows the tunnel to be compact and located under the floor and in principle to be hidden by the accommodations. The stiffness is increased by moving the ballast windward to balance a part of the heel and if designed for, the trim angle is also corrected on the same principle. The operation is performed manually or automatically by computerized means like a PLC. In some versions this system is meeting explosion-proof specifications.

IPC 8 full level

B63B 39/02 (2006.01); **B63B 43/08** (2006.01)

CPC (source: EP)

B63B 39/02 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009026964 A1 20090305; DK 2197734 T3 20130527; EP 2197734 A1 20100623; EP 2197734 B1 20130306; ES 2413157 T3 20130715; PL 2197734 T3 20130930; PT 2197734 E 20130612

DOCDB simple family (application)

EP 2007059078 W 20070830; DK 07803086 T 20070830; EP 07803086 A 20070830; ES 07803086 T 20070830; PL 07803086 T 20070830; PT 07803086 T 20070830