

Title (en)

Trimaran having at least vertically orientable hulls.

Title (de)

Trimaran mit um wenigstens vertikale Achsen verstellbaren Schwimmern.

Title (fr)

Trimaran à flotteurs orientables au moins autour d'axes verticaux.

Publication

EP 0102886 A2 19840314 (FR)

Application

EP 83401609 A 19830803

Priority

FR 8213560 A 19820803

Abstract (en)

1. Trimaran comprising three floats (1, 2, 3) forming a static floatation system of three floating zones disposed at the top of a triangle and a deck (4) to which said floats are joined, whereas on the one hand, each of the three floats is mounted for pivoting with respect to the deck (4) about at least one axis, one (B) of the pivoting axes being substantially vertical, and on the other hand, at least one float is equipped with a manoeuvring aileron (36, 41), which is essentially vertical, which is mounted for pivoting with respect to said float about a pivoting axis (37, 42) and which is provided with a device (38) for controlling its pivoting movement, characterized in that : 1) each float is provided with a stabilizing aileron (39, 43) disposed vertically at the back of the substantially vertical pivoting axis (B) of the float ; and 2) the pivoting axis (37, 42) of each manoeuvring aileron (36, 41) is substantially vertical and is disposed at the front of the pivoting axis (B) of the corresponding float.

Abstract (fr)

L'invention est relative à un trimaran comprenant trois flotteurs (2, 3) formant un système de flottaison statique de trois zones de flottaison disposées aux sommets d'un triangle, et, un pont (4) auquel ces trois flotteurs sont reliés; chacun des flotteurs étant monté pivotant par rapport au pont autour d'un axe vertical (B) et étant muni d'un aileron de stabilisation (39, 43) vertical situé en arrière de l'axe vertical (B). Un flotteur au moins est muni d'un aileron (36, 41) de manoeuvre vertical monté pivotant par rapport au flotteur autour d'un axe de pivotement (37, 42) vertical disposé en avant de l'axe (B) de pivotement du flotteur par rapport au pont (4), et, muni d'un dispositif (38) de réglage de son pivotement. Une application est la réalisation d'un voilier de course stable, comportant une bonne manoeuvrabilité.

IPC 1-7

B63B 1/14; **B63B 15/00**

IPC 8 full level

B63B 1/14 (2006.01); **B63B 15/00** (2006.01)

CPC (source: EP)

B63B 1/14 (2013.01); **B63B 15/0083** (2013.01); **B63B 2001/145** (2013.01)

Cited by

FR2590861A1; FR2630993A2; FR2607102A1; FR2623467A1; FR2599330A1; AU583741B2; FR2618747A1; GB2152440A; US7314014B2; WO8907546A1; WO2004016497A1

Designated contracting state (EPC)

CH GB IT LI

DOCDB simple family (publication)

EP 0102886 A2 19840314; **EP 0102886 A3 19840523**; **EP 0102886 B1 19870128**; FR 2531398 A1 19840210; FR 2531398 B1 19870220

DOCDB simple family (application)

EP 83401609 A 19830803; FR 8213560 A 19820803