

Title (en)

Multi-hull sail boat with lift ailerons and sailing method

Title (de)

Doppelrumpf-Segelboot mit Stützflügeln und entsprechende Navigationsmethode

Title (fr)

Voilier multicoque a ailerons de sustentation et methode de navigation

Publication

**EP 1908679 A3 20080723 (FR)**

Application

**EP 07291452 A 20071204**

Priority

EP 07291452 A 20071204

Abstract (en)

[origin: EP1908679A2] The boat has transversal beams (3, 4) connecting hulls (1, 2), and a mast (6) carrying a sail (7). A tail fin (8) integrates to a rudder blade (9), and lateral support fins (10, 11) are fixed on a same beam. A control device is provided with an actuating distributor to allow the fin (10) to have a slope with respect to a plane of symmetry of the boat, where the fin (10) is different from the fin (11). The device moves the fins between two positions in which the fins form an angle ranging from -15 to +15 degrees and from 30 to 60 degrees with respect to the plane of symmetry, respectively. An independent claim is also included for a method for navigating a sail boat.

IPC 8 full level

**B63B 1/12** (2006.01); **B63B 1/24** (2006.01); **B63B 1/28** (2006.01); **B63B 39/06** (2006.01)

CPC (source: EP US)

**B63B 1/121** (2013.01 - EP); **B63B 1/242** (2013.01 - EP US); **B63B 1/30** (2013.01 - EP US)

Citation (search report)

- [Y] US 5673641 A 19971007 - Sournat Andre [FR], et al
- [Y] DE 362712 C 19221031 - Emil Palmblad
- [Y] WO 9807615 A2 19980226 - Eglais Aldis [LV]
- [A] US 4582011 A 19860415 - Logan William F [US]

Cited by

WO2014129915A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1908679 A2 20080409; EP 1908679 A3 20080723**

DOCDB simple family (application)

**EP 07291452 A 20071204**