

Title (en)

Method and electronic system for controlling the propulsion modes of a boat

Title (de)

Verfahren und elektronisches System zur Kontrolle der Antriebs-Modi eines Boots

Title (fr)

Procédé et système électronique pour contrôler la mode de propulsion d'un bateau

Publication

**EP 2471708 A1 20120704 (EN)**

Application

**EP 11195719 A 20111223**

Priority

IT MI20102430 A 20101228

Abstract (en)

The present invention relates to a method (100) for controlling the propulsion modes of a boat of the type comprising a power controlled motor (21), a group of sails (22) and a first plurality of sensors (23) of the wind conditions and of the motion conditions of the boat, the method being characterized in that it comprises the steps consisting in detecting (101) a plurality of typical parameters of the wind conditions through the first plurality of sensors (23), verifying (102) whether the plurality of typical parameters of the wind conditions so detected satisfies a predetermined set of extreme conditions for hoisting or lowering the group of sails (22), selecting (104) at least one driving mode of the boat selected from a plurality of driving modes of the boat (20), when the group of sails (22) is hoisted, and controlling (110) the power controlled motor (21) on the basis of the selected driving mode of the boat.

IPC 8 full level

**B63H 21/20** (2006.01)

CPC (source: EP US)

**B63H 21/20** (2013.01 - EP US)

Citation (search report)

- [A] WO 9740999 A1 19971106 - SOLOMON TECHNOLOGIES [US]
- [A] CA 2643878 A1 20100514 - CAQUETTE PIERRE [CA]
- [A] EP 2090507 A2 20090819 - GLACIER BAY INC [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 2471708 A1 20120704; EP 2471708 B1 20130731**; IT 1403294 B1 20131017; IT MI20102430 A1 20120629; US 2012164895 A1 20120628

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