Title (en)

Device for reducing the rotation speed of the boom of a mainsail during gybing

Title (de)

Vorrichtung zur Verminderung der Schwenkgeschwindigkeit des Baums eines Hauptsegels beim Halsen

Title (fr)

Dispositif de réduction de la vitesse angulaire d'un bôme d'une grande-voile lors de l'empannage

Publication

EP 1655220 A3 20100421 (EN)

Application

EP 05110296 A 20051103

Priority

NL 1027410 A 20041103

Abstract (en)

[origin: EP1655220A2] A device for reducing the rotation speed of the boom (5) of a mainsail (3) mounted on the mast (4) of a sailing vessel (1) during gybing of the sailing vessel comprises damping means connected to the boom (5) of the mainsail (3). The damping means comprises a rotation damper (2) connected between the boom (5) and a fixed part of the sailing vessel (1). A very compact device is obtained as a result of these measures, which prevents the consequences of uncontrolled gybing, while the number of external components is also small. The rotation damper (2) is preferably placed in the vicinity of the mast (4) of the mainsail (3). The housing (7) of the rotation damper (2) is connected fixedly to the hull of the vessel (1). The arm (9) of the rotation damper (2) is connected to the boom (5) of the mainsail (3). Due to this placing close to the two parts to which the rotation damper (2) must be connected, only a small number of components is necessary for the purpose of connection.

IPC 8 full level

B63H 9/10 (2006.01)

CPC (source: EP)

B63H 9/1078 (2013.01)

Citation (search report)

- [X] WO 9638338 A1 19961205 - SIMON PETERSEN BOATS AB [SE], et al
- [IA] DE 3442740 A1 19860605 - SANDER HEINRICH
- [X] GB 2335637 A 19990929 - JONES DAVID JOHN [GB] & US 5967073 A 19991019 - PETERSEN OLE SIMON [SE]

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ES2433484R1; SE2230326A1; SE545905C2; WO2014123452A1; WO2007126374A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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