

Title (en)

CONTROL GEAR FOR THE SAIL OF A SAILING CRAFT

Title (de)

EINSTELLGERÄT FÜR DAS SEGEL EINES SEGELBOOTES

Title (fr)

AGRES DE REGLAGE DE LA VOILE D'UN BATEAU

Publication

EP 1204549 A1 20020515 (EN)

Application

EP 00940435 A 20000622

Priority

- FI 0000560 W 20000622
- FI 991427 A 19990623

Abstract (en)

[origin: WO0100486A1] Self-adjusting control gear for a sailing craft (11) provided with a keel structure (12, 13), said control gear comprising a rigid mast (8) having a vertical footing fitted on a base (10) so as to be rotatable with respect to its vertical axis, a supporter structure fitted to the mast, the sail (1) being attached to the supporter structure in an oblique position so that the wind produces in the sail, in addition to a thrust, an upward force tending to lift the craft and transmits the thrust of the sail to the center of gravity of the sailing craft to prevent heeling, and a tackle for the adjustment of the sail. The mast (8), at least in its head portion, is in an oblique position relative to the vertical direction. The supporter structure comprises a supporter (2) substantially transverse to the head of the mast (8) and having a length substantially corresponding to the height of the sail, and transverse supporters (3, 4) of the sail (1), the length of at least one of which substantially corresponds to the width of the sail. The transverse supporter (2) comprises a flexible joint (6) connecting the supporter to the top of the mast (8), and the tackle comprises ropes or equivalent (5, 9) connected to the supporter (2, 3, 4) so as to allow adjustment of the position of the sail, thus achieving automatic adjustment of the pitch axis of the sail (1).

IPC 1-7

B63H 9/06

IPC 8 full level

B63B 3/38 (2006.01); **B63H 9/06** (2020.01)

CPC (source: EP US)

B63B 3/38 (2013.01 - EP); **B63H 9/068** (2020.02 - EP US)

Citation (search report)

See references of WO 0100486A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 0100486 A1 20010104; AU 5537200 A 20010131; EP 1204549 A1 20020515; FI 991427 A0 19990623; FI 991427 A 20001224

DOCDB simple family (application)

FI 0000560 W 20000622; AU 5537200 A 20000622; EP 00940435 A 20000622; FI 991427 A 19990623