

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

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Application
EP 00940435 A 20000622

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• 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).

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