

Title (en)

METHOD OF SAILING A BOAT, AND SAILING VESSEL

Title (de)

VERFAHREN ZUM BETREIBEN EINES SEGELSCHIFFES UND SEGELSCHIFF

Title (fr)

PROCEDE PERMETTANT D'ACTIONNER UN VOILIER ET VOILIER CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: US5934214A] PCT No. PCT/DE96/01424 Sec. 371 Date Jan. 28, 1998 Sec. 102(e) Date Jan. 28, 1998 PCT Filed Jul. 31, 1996 PCT Pub. No. WO97/06051 PCT Pub. Date Feb. 20, 1997A sailing method and a sailing boat (1) are designed for low or even non-drift sailing, wherein the total power provided by the sail (5) is established, after which the keel (3) is adjusted in terms of its effective surface and/or its curvature and/or the shape of its profile and/or its setting angle in relation to the boat's hull, possibly taking into account the water current and the weight of the boat, in order to produce an optimized counteracting force. To this end the keel (3) is designed as a multi-section, unballasted fin keel (33) which can be completely retracted into the boat's hull (2) and can be pivoted relative to the centerline of the boat (10), and the sections (34, 37, 38) of which are fitted together via hinges (35, 39) in order to produce a variable curvature.

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