

Title (en)

TILT SAIL BOAT AND METHOD OF OPERATING SAME.

Title (de)

SCHIFF MIT DREHBAREN SEGELN UND VERFAHREN ZUM BETRIEB DES SCHIFFES.

Title (fr)

BATEAU A VOILES PIVOTABLES ET METHODE POUR METTRE EN SERVICE LEDIT BATEAU.

Publication

EP 0229780 A4 19880120 (EN)

Application

EP 86903977 A 19860610

Priority

US 74375285 A 19850612

Abstract (en)

[origin: WO8607327A1] A novel rigging for a sailboat in which the mainsail (32) is mounted between a luff boom (52) and a foot boom (30), the luff boom being attached to the top of the mast (50) by a fitting (54) that allows rotation at least about a vertical axis parallel to the mast and about a tilt axis normal to the mast such that the luff boom can tilt out of the vertical. The fitting is joined to the luff boom at a pivot point above the center of effort of the sail, and not necessarily at its head. A tack sheet (56) and a clew sheet (48) restrict the tilt of the luff boom and its rotation around the mast. A jib sail (110), too, may be tiltably mounted by attaching it to a luff boom (118) which is suspended at its head from a high point on the mast. The mast may be retractable or extendable and either luff boom may be given a stream-lined cross section.

IPC 1-7

B63H 9/04; **B63H 9/06**

IPC 8 full level

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CPC (source: EP KR)

B63H 9/04 (2013.01 - KR); **B63H 9/068** (2020.02 - EP)

Citation (search report)

- [A] DE 253470 C
- [A] WO 8502158 A1 19850523 - DERATZ STEPHEN F
- [A] US 1613890 A 19270111 - FRANCIS HERRESHOFF LEWIS
- See references of WO 8607327A1

Cited by

CZ308555B6; US6352824B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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