

Title (en)

COMPACT SELF-TRIMMING WINGSAIL.

Title (de)

KOMPAKTES SICH SELBST-EINSTELLENDEN FLÜGELSEGEL.

Title (fr)

VOILE COMPACTE A AUTO-EQUILIBRAGE.

Publication

**EP 0624136 B1 19951018 (EN)**

Application

**EP 93902482 A 19930128**

Priority

- GB 9202703 A 19920208
- GB 9300186 W 19930128

Abstract (en)

[origin: WO9315951A1] A wingsail assembly comprising at least one rigid thrust wing (1) mounted for free rotation about an upright axis (8). The assembly including means (11) for rotating or translating at least a portion of the thrust wing so as to adjust the location of the instantaneous centre of pressure (9) of the thrust wing with respect to the upright axis. The thrust wing is trimmed by an upwind auxiliary vane (7), freely pivoted upwind of its centre of pressure, the angle of attack of the auxiliary vane being controlled by the position of a secondary control aerofoil (15) positioned downwind from the auxiliary vane.

IPC 1-7

**B63H 9/06**

IPC 8 full level

**B63H 9/06** (2006.01)

CPC (source: EP)

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**WO 9315951 A1 19930819**; AU 3365593 A 19930903; AU 666511 B2 19960215; CA 2128724 A1 19930819; DE 69300675 D1 19951123; DE 69300675 T2 19960523; EP 0624136 A1 19941117; EP 0624136 B1 19951018; ES 2080608 T3 19960201; GB 2263892 A 19930811; GB 2263892 B 19951018; GB 9202703 D0 19920325; GB 9301669 D0 19930317; JP H07503432 A 19950413; NZ 246678 A 19951221; ZA 93726 B 19940629

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