

Title (en)

BOAT POWERED BY MEANS OF A KITE VIA A HINGED ARM

Title (de)

VON EINEM VIA EINES DREHARMS ANGELENKTEN DRACHENSEGEL ANGETRIEBENES WASSERFAHRZEUG

Title (fr)

NAVIRE TRACTE PAR CERF-VOLANT VIA UN BRAS ARTICULE

Publication

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Application

EP 96934979 A 19961025

Priority

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Abstract (en)

[origin: WO9715490A1] The invention relates to a boat using the wind as a prime mover without generating important rolling and yawing moments. This boat which is powered by a kite comprises an arm (1) hinged at one extremity (2) to the boat, and means for controlling the arm (1) in inclination (3) and in orientation (4), the free end (5) of the arm (1) being the traction point wherein connection lines (6) leave the boat to join the kite. Appropriate inclination (3) and orientation (4) of the arm (1) cause the traction straight-line (10) of the kite pass close to the center-board (11) of the boat, thereby reducing and even cancelling the rolling and yawing moments. The boat of the invention is particularly intended to rapid displacement using the wind.

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