

Title (en)

Propulsion apparatus for marine craft and method for the manufacture of such apparatus.

Title (de)

Antriebsvorrichtung für Wasserfahrzeuge und Herstellungsverfahren dieser Vorrichtung.

Title (fr)

Appareil de propulsion pour navires et procédé pour la fabrication de cet appareil.

Publication

EP 0502835 A1 19920909 (EN)

Application

EP 92850048 A 19920305

Priority

SE 9100641 A 19910305

Abstract (en)

Propulsion apparatus for high speed, planing marine craft and especially useful for so called surface piercing propellers (3) and comprising a fixed drive body (1) which is non-steerable or which can not be tilted up and down in the vertical direction, and which drive body is adapted to be mounted directly to the stern (17) of a boat, and a method for the manufacture of such a propulsion apparatus, whereby the drive body (1) is made from two flat pieces of plate, namely a boomerang-like superwater body portion (4) having the convexly curved boomerang point facing the propeller (3), and an arrow-point like subwater plate piece having the point (11) thereof facing the boat hull, and whereby the two pieces of plates, after having been folded round, the superwater plate (4) downwards from a central longitudinal axis (6) and the subwater plate (5) upwards from a central longitudinal axis and after having been joined along the meeting edges (9,12) form a superwater body part (4) and a subwater body part (5), whereby the superwater body part provides a drive body portion which is tapering rearwardly towards the propeller (3) and which has a strong and stable mounting means (2) at the opposite end for mounting of the drive body to the stern (17) of the boat, whereas the subwater drive body part (5) is widened rearwardly towards the propeller (3) to meet the water like the stem of a canoe. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [A] FR 2431424 A1 19800215 - HURTH MASCH ZAHNRAD CARL [DE]
- [A] GB 389643 A 19330323 - EVERT VAN DER MOLEN

Cited by

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