

Title (en)

REAR SUPPORTING HYDRODYNAMIC ASSEMBLY OF AN OUTBOARD MOTOR FOR A LOWERED MOTOR POSITION

Title (de)

HYDRODYNAMISCHE HECKSTÜTZE EINES AUSSENBORDMOTORS FÜR EINE NIEDRIGERE MOTORPOSITION

Title (fr)

ENSEMBLE HYDRODYNAMIQUE PORTANT ARRIÈRE DE HORS-BORD POUR POSITION MOTEUR ABAISSÉ

Publication

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Application

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Abstract (en)

[origin: WO2019048745A1] The invention relates to a rear supporting hydrodynamic assembly of an outboard boat motor on a hull engaging with a set of front foils, the outboard motor being driven by an underwater propeller motor assembly driven by a direct motor shaft actuated by an indirect motor shaft, on a motor propulsion fairing comprising anti-stacking and anti-cavitation plates positioned above the propeller intended for being positioned at the water level, characterised in that the motor fairing is covered by a hydrofoil (10) added at the front onto the direct shaft fairing cone, a deflection crown (80) added above the anti-stacking and anti-cavitation plates and in front of the indirect motor shaft fairing, an added hydrodynamic permeability profile (70) inserted in front of the indirect motor shaft fairing, occupying the space in front of the motor between the top of the anti-stacking and anti-cavitation plates and the bottom of the deflection crown (80), the rear of the hull is provided at the level of the placement of the deflection crown with a deflection plate (90).

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- US 3199483 A 19650810 - ELLZEY FLOYD P
- US 4875882 A 19891024 - PLITT CHERYL A [US], et al
- US 4744779 A 19880517 - KOEHLER KENNETH E [US]
- GB 981977 A 19650203 - FLOYD PICKENS ELLZEY

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