

Title (en)

BOAT COMPRISING ENGINES THAT HAVE PROPELLERS EACH POSITIONED IN A DUCT, ENSURING OPTIMISED OPERATION DURING FORWARD TRAVEL AND HIGH MANOEUVRABILITY

Title (de)

BOOT MIT MOTOREN, DEREN PROPELLER JEWEILS IN EINEM KANAL ANGEORDNET SIND UND EINEN OPTIMIERTEN BETRIEB WÄHREND DER VORWÄRTSFAHRT SOWIE HOHE MANÖVRIERBARKEIT GEWÄHRLEISTEN

Title (fr)

BATEAU COMPORTANT DES MOTORISATIONS QUI PRESENTENT DES HELICES POSITIONNEES CHACUNE DANS UN CONDUIT PROCURANT UN FONCTIONNEMENT OPTIMISE EN MARCHE AVANT ET UNE GRANDE MANIABILITE

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Application

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Priority

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Abstract (en)

[origin: WO2019106053A1] The invention relates to a boat which comprises at least one combustion engine (32) positioned on or symmetrical with respect to the vertical median plane of the boat and two engines provided symmetrical with respect to the vertical median plane, which each comprise a propeller (42) provided in a duct (44) which has: a central section (46) on which the propeller (42) is positioned, a rear section (48) that leads via at least one rear opening (50) onto the transom (16.1, 16.2) of the hull (12.1, 12.2), a front section (52) that has a continuous curved profile, which leads via at least one side opening (54) to the outside wall of the hull (18.1, 18.2), the side opening (54) having a larger cross-section than the cross-section of the rear opening (50) in order for the duct (44) to comprise at least one converging nozzle, the front section (52) being oriented so that the stream of water exiting from the side opening (54) is directed towards the front and forms an angle of 20° to 60° with respect to the wall of the hull (18.1, 18.2).

IPC 8 full level

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