

Title (en)

CONTROLLED LIFT ASSEMBLY WITH FOIL FOR SEMI-RIGID BOAT

Title (de)

GESTEUERTE ANHEBEANORDNUNG MIT FOIL FÜR HALBSTEIFES BOOT

Title (fr)

ENSEMBLE PORTANT ASSERVI A AILE PROFILEE POUR BATEAU SEMI RIGIDE

Publication

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Application

EP 18736954 A 20180711

Priority

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Abstract (en)

[origin: CA3067118A1] The present invention relates to a lift assembly of a semi-rigid boat comprising a hull (13), a keelson (12), a floor (P) and the deck lines (14) thereof, side and bow fenders (11), central accommodations (17), a rear engine characterised in that for front lift, on the port and starboard sides at the central accommodations (17) the hull (13) is bored with a well that allows the passage of a foil with locking, translation and rotation controlled by a control mechanism mounted in a protective housing connected to the structural elements of the boat, floor, deck line (14) and keelson (12), by glassing, bonding and/or bolting, the foil comprises a horizontal portion with one foil tip with a fender having a curved shape that matches the shape of the fender, and a vertical of a foil which comprises a vertical end that curves towards the centre of the boat, and for rear lift, a foil is mounted on the drive shaft of the rear engine.

IPC 8 full level

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