

Title (en)

WATER VEHICLE WITH A HYDROFOIL AND ADDITIONAL SECOND STABILIZER

Title (de)

WASSERFAHRZEUG MIT EINEM HYDROFOIL UND EINEM ZUSÄTZLICHEN STABILIZATIONSFLÜGEL

Title (fr)

VÉHICULE AQUATIQUE AVEC HYDROFOIL ET STABILISATEUR SUPPLÉMENTAIRE

Publication

**EP 4175874 C0 20230802 (EN)**

Application

**EP 22777345 A 20220913**

Priority

- EP 21472011 A 20211103
- IB 2022058612 W 20220913

Abstract (en)

[origin: WO2023047246A1] The water vehicle with hydrofoil includes an above-water platform (1), a supporting mast (2) connecting the above-water platform (1) with a hydrofoil, including a fuselage (5) with a front wing (7) and a first horizontal stabilizer (8), drive means (6) for creating horizontal thrust and a second horizontal stabilizer (4) located in the vertical direction between the fuselage (5) and the above-water platform (1), where the second horizontal stabilizer (4) in the longitudinal direction is being located behind the front wing (7). It is possible that the second horizontal stabilizer (4) is mounted to the above-water platform (1), the mast (2), to the additional structurally supporting parts, to the parts that serve to change the angle of attachment of the main horizontal stabilizer, to the fuselage (5) or drive means (6) by means of a support element (3) with the possibility of changing the vertical position.

IPC 8 full level

**B63B 1/24** (2020.01); **B63B 1/26** (2006.01); **B63B 32/10** (2020.01); **B63B 32/64** (2020.01); **B63B 32/66** (2020.01); **B63H 21/17** (2006.01)

CPC (source: EP)

**B63B 1/242** (2013.01); **B63B 1/246** (2013.01); **B63B 1/26** (2013.01); **B63B 32/10** (2020.02); **B63B 32/64** (2020.02); **B63B 32/66** (2020.02); **B63H 21/17** (2013.01)

Designated contracting state (EPC)

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Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

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