

Title (en)

HYDROFOIL FOR TRANSPORT OVER WATER AND MOVEMENT APPARATUS FOR APPENDAGES OF A HYDROFOIL

Title (de)

TRAGFLÜGELBOOT ZUM TRANSPORT ÜBER WASSER UND BEWEGUNGSVORRICHTUNG FÜR ANHÄNGSEL EINES TRAGFLÜGELBOOTS

Title (fr)

HYDROPTÈRE POUR LE TRANSPORT SUR L'EAU ET APPAREIL DE MOUVEMENT DES APPENDICES D'UN HYDROPTÈRE

Publication

EP 3889027 A1 20211006 (EN)

Application

EP 21166227 A 20210331

Priority

IT 202000006796 A 20200331

Abstract (en)

Hydrofoil for transport over water, which comprises a hull (2) extended along a main extension axis (X), at least one appendage (4), mounted on said hull (2), a movement apparatus (5) mechanically connected to the appendage (4) in order to move it and comprising at least one first actuator member (6), actuatable for rotating the appendage (4) around a first rotation axis (Y) substantially parallel to the main extension axis (X); the movement apparatus (5) also comprises a support body (7) rotatably constrained to the hull (2), actuatable to rotate around a second rotation axis (Z) and comprising a first hinge member (8) carrying, rotatably mounted thereon, the appendage (4), a second actuator member (9), actuatable for rotating the support body (7) around the second rotation axis (Z), connection means (10), between the second actuator member (9) and the support body (7) adapted to move the support body (7) around the second rotation axis (Z) following the actuation of the second actuator member (9).

IPC 8 full level

B63B 1/28 (2006.01)

CPC (source: EP)

B63B 1/285 (2013.01); **B63B 2001/281** (2013.01)

Citation (applicant)

- US 3886884 A 19750603 - STARK DONALD R, et al
- DE 102014105883 A1 20151029 - SCHNAUFFER PETER [DE]

Citation (search report)

- [X] US 2015274266 A1 20151001 - EVELETH JASON H [US]
- [X] EP 2962929 A1 20160106 - ÜLGEN MEHMET NEVRES [TR]
- [X] US 2018354592 A1 20181213 - CHAVES MANOEL FRANCISCO CORTES [BR]

Cited by

WO2024009159A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3889027 A1 20211006; IT 202000006796 A1 20211001

DOCDB simple family (application)

EP 21166227 A 20210331; IT 202000006796 A 20200331