

Title (en)

PROPULSION DEVICE FOR A PADDLE-TYPE CRAFT

Title (de)

ANTRIEBSVORRICHTUNG FÜR EIN PADDELARTIGES FAHRZEUG

Title (fr)

DISPOSITIF DE PROPULSION D'UNE EMBARCATION DU GENRE PAGAIE

Publication

EP 3996985 B1 20230712 (FR)

Application

EP 20731932 A 20200505

Priority

- FR 1907677 A 20190709
- FR 2020050749 W 20200505

Abstract (en)

[origin: WO2021005275A1] Device (1) for propelling a craft (20), comprising - a shaft (1) provided at one end with a handle (3) and having at the opposite end a propeller (4), - an electric motor (5) for rotating the propeller (4), the axis of rotation of which is coaxial with the longitudinal axis of the shaft (2), - a system (6), such as a battery, for supplying power to the motor (5), and - a control system (7) of the motor (5). The telescopic shaft (2) is formed of tubes (8, 9) that are slidably engaged such that the tubes can be moved between a shorter retracted position of the shaft (2) and a longer telescopic extension position of the shaft (2). The tubes, referred to as the lower tube (8) and the upper tube (9), are provided with the propeller (4) and the control system (7), respectively, of the motor (5). The power supply system (6) is positioned in the upper tube (9) and the motor (5) in the lower tube (8) and the power supply system is connected to the motor (5) by a wired link (10) arranged inside the shaft (2).

IPC 8 full level

B63H 20/00 (2006.01)

CPC (source: EP)

B63H 20/007 (2013.01)

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

DOCDB simple family (publication)

WO 2021005275 A1 20210114; EP 3996985 A1 20220518; EP 3996985 B1 20230712; EP 3996985 C0 20230712; ES 2961324 T3 20240311; FR 3098489 A1 20210115; FR 3098489 B1 20210611

DOCDB simple family (application)

FR 2020050749 W 20200505; EP 20731932 A 20200505; ES 20731932 T 20200505; FR 1907677 A 20190709