

Title (en)
POWERING SYSTEM FOR A WATERCRAFT

Title (de)
ANTRIEBSSYSTEM FÜR EIN WASSERFAHRZEUG

Title (fr)
SYSTÈME D'ALIMENTATION POUR EMBARCATION

Publication
EP 4399148 A1 20240717 (EN)

Application
EP 22773228 A 20220906

Priority
• EP 21382805 A 20210907
• EP 2022074681 W 20220906

Abstract (en)
[origin: EP4144634A1] A powering system (10) for a watercraft is provided. The powering system for a watercraft comprises a propeller (100), an electric motor (20), and a gearbox (30) coupled to the electric motor. The powering system for a watercraft further comprises an input shaft (50), an intermediate shaft (60), and a propeller shaft (70). The input shaft has a first end (51) coupled to the gearbox and a second end (52) rotatably coupled to the intermediate shaft. The intermediate shaft has a first end (61) rotatably coupled to the input shaft and a second end rotatably (62) coupled to the propeller shaft. The propeller shaft has a first end (71) rotatably coupled to the intermediate shaft and a second end (72) coupled to the propeller. The intermediate shaft comprises an upper portion (63) extending in a second direction (2) and a lower portion (64), the lower portion being rotatably coupled to the upper portion. Additionally, the powering system for a watercraft comprises an upper supporting (120) and a lower supporting structure (130). The upper supporting structure is configured to be tiltable coupled to a watercraft. The lower supporting structure is rotatably coupled to the upper supporting structure to rotate about the second direction.

IPC 8 full level
B63H 20/14 (2006.01); **B63H 20/16** (2006.01); **B63H 21/17** (2006.01)

CPC (source: EP)
B63H 20/007 (2013.01); **B63H 20/14** (2013.01); **B63H 20/16** (2013.01); **B63H 21/17** (2013.01); **B63H 20/08** (2013.01); **B63H 2020/006** (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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4144634 A1 20230308; CN 118176150 A 20240611; EP 4399148 A1 20240717; WO 2023036755 A1 20230316

DOCDB simple family (application)
EP 21382805 A 20210907; CN 202280069050 A 20220906; EP 2022074681 W 20220906; EP 22773228 A 20220906