

Title (en)

CONTROL HANDLE FOR A MARINE ELECTRIC DRIVE SYSTEM

Title (de)

STEUERGRIF FÜR EIN ELEKTRISCHES SCHIFFSANTRIEBSSYSTEM

Title (fr)

POIGNÉE DE COMMANDE POUR UN SYSTÈME D'ENTRAÎNEMENT ÉLECTRIQUE MARIN

Publication

EP 4249371 A1 20230927 (EN)

Application

EP 22163814 A 20220323

Priority

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Abstract (en)

A control handle (22) for controlling an electric drive system (1) of a sailboat (30), where the control handle (22) comprises a handle (8) and a handle shaft (2), where the control handle (8) is provided with a plurality of engagement positions, where a first engagement position (9) is adapted to engage a forward drive mode of the electric drive system (1), a second engagement position (10) is adapted to engage a reverse drive mode of the electric drive system (1), a third engagement position (11) is adapted to engage an idle drive mode of the electric drive system (1), and where a fourth engagement position (12) is adapted to engage a hydro energy generation mode of the electric drive system (1).

IPC 8 full level

B63H 20/12 (2006.01); **B63H 21/17** (2006.01); **B63H 21/20** (2006.01); **B63H 21/21** (2006.01); **B63H 25/02** (2006.01)

CPC (source: CN EP US)

B63H 9/04 (2013.01 - US); **B63H 20/12** (2013.01 - EP); **B63H 21/17** (2013.01 - CN EP US); **B63H 21/20** (2013.01 - EP); **B63H 21/213** (2013.01 - CN EP US); **B63H 23/28** (2013.01 - US); **B63H 25/02** (2013.01 - EP US); **B63H 25/38** (2013.01 - US); **B63H 2021/216** (2013.01 - CN); **B63H 2025/022** (2013.01 - US); **B63H 2025/024** (2013.01 - EP)

Citation (applicant)

- US 2008207065 A1 20080828 - OISHI MORIHIRO [JP], et al
- US 2004152373 A1 20040805 - LARSSON STEFAN [SE]

Citation (search report)

- [X] WO 02076823 A1 20021003 - LARSSON STEFAN [SE]
- [X] US 2007141924 A1 20070621 - YASUDA KOJI [JP], et al
- [X] JP 2006036086 A 20060209 - HONDA MOTOR CO LTD
- [A] US 3619632 A 19711109 - LABOMBARDE RAYMOND A
- [A] EP 2090507 A2 20090819 - GLACIER BAY INC [US]
- [A] US 2017327197 A1 20171116 - BERGMANN LOTHAR [DE], et al

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 4249371 A1 20230927; CN 116803840 A 20230926; US 2023322350 A1 20231012

DOCDB simple family (application)

EP 22163814 A 20220323; CN 202310279570 A 20230321; US 202318180500 A 20230308