

Title (en)

ELECTRICAL DRIVE DEVICE FOR A SHIP WITH ELASTICALLY SUPPORTED ELECTRIC MOTOR

Title (de)

ELEKTRISCHE ANTRIEBSEINRICHTUNG FÜR EIN SCHIFF MIT ELASTISCH ABGESTÜTZTEM ELEKTROMOTOR

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT ELECTRIQUE POUR BATEAU, EQUIPE D'UN MOTEUR ELECTRIQUE A SOUTIEN ELASTIQUE

Publication

EP 1421665 A1 20040526 (DE)

Application

EP 02758156 A 20020823

Priority

- DE 0203104 W 20020823
- DE 10143713 A 20010830

Abstract (en)

[origin: US2004248479A1] The device (100) is provided with an electric motor, located on the underside of a ship hull in a housing (12) arranged like a gondola. At least one propeller (2, 3) is coupled to the drive shaft (1), supporting the rotor (4) of the electric motor. In order that such a drive device may be resistant to shock loads, the stator (5) of the electric motor is fixed to the rotor (4) by means of a pivot bearing (9) and the module comprising rotor (4) and strator (5) is elastically supported both on the housing (12) and also the drive shaft (1).

IPC 1-7

H02K 5/24; **B63H 23/24**

IPC 8 full level

B63H 5/125 (2006.01); **B63H 23/24** (2006.01); **H02K 1/18** (2006.01); **H02K 1/30** (2006.01); **H02K 5/24** (2006.01); **H02K 7/08** (2006.01); **H02K 55/04** (2006.01); **B63G 13/00** (2006.01); **H02K 7/12** (2006.01); **H02K 9/19** (2006.01)

CPC (source: EP US)

B63H 5/125 (2013.01 - EP US); **B63H 23/24** (2013.01 - EP US); **H02K 1/185** (2013.01 - EP US); **H02K 1/30** (2013.01 - EP US); **H02K 5/20** (2013.01 - US); **H02K 5/24** (2013.01 - EP US); **H02K 7/08** (2013.01 - EP US); **H02K 7/088** (2013.01 - EP US); **H02K 55/04** (2013.01 - EP US); **B63G 13/00** (2013.01 - EP US); **B63H 2005/1258** (2013.01 - EP US); **B63H 2021/173** (2013.01 - EP US); **H02K 7/083** (2013.01 - EP US); **H02K 7/12** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP); **Y02T 70/50** (2013.01 - EP US)

Citation (search report)

See references of WO 03026097A1

Cited by

CN102050214A; WO2022042786A1; WO2022042785A1

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