

Title (en)  
PROPULSION SYSTEM FOR A MARINE VESSEL

Title (de)  
ANTRIEBSSYSTEM FÜR EIN WASSERFAHRZEUG

Title (fr)  
SYSTÈME DE PROPULSION POUR VAISSEAU MARIN

Publication  
**EP 3666639 A1 20200617 (EN)**

Application  
**EP 18211692 A 20181211**

Priority  
EP 18211692 A 20181211

Abstract (en)  
A propulsion system (10) for a marine vessel (100) is provided. The propulsion system (10) is easy to service, as respective components of the same, i.e. an electric motor (26), a thrust bearing (30) and a fluid distribution unit (40), are provided separately and connected to each other by a plurality of couplings (32, 34). Hydraulic fluid is supplied to a propeller (24) via hydraulic conduits formed in shafts (28, 36) of the electric motor (26) and the thrust bearing (30). The propulsion system (10) can be used for marine vessels (100) of different sizes and in applications ranging from light to heavy and extreme duty applications by selecting appropriate components such as an appropriate thrust bearing (30).

IPC 8 full level  
**B63H 3/08** (2006.01); **B63H 21/17** (2006.01); **B63H 23/24** (2006.01)

CPC (source: EP)  
**B63H 3/08** (2013.01); **B63H 21/17** (2013.01); **B63H 23/24** (2013.01); **B63H 2003/088** (2013.01); **B63H 2005/075** (2013.01); **B63H 2023/325** (2013.01)

Citation (applicant)  
US 9919780 B2 20180320 - BRAUTASET HENNING [NO], et al

Citation (search report)  
• [XAI] US 2005106953 A1 20050519 - ANDERSEN PETER [DE], et al  
• [A] US 2754923 A 19560717 - STRANDELL JOHN H, et al

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CN114633865A

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 3666639 A1 20200617**; **EP 3666639 B1 20220406**; CN 113165726 A 20210723; CN 113165726 B 20221216; WO 2020119945 A1 20200618

DOCDB simple family (application)  
**EP 18211692 A 20181211**; CN 201980079200 A 20191210; EP 2019025451 W 20191210