

Title (en)  
MARINE DRIVE SYSTEM WITH CENTERING BEARING SURFACE

Title (de)  
SCHIFFSANTRIEBSSYSTEM MIT ZENTRIERENDER LAGERFLÄCHE

Title (fr)  
SYSTÈME D'ENTRAÎNEMENT MARIN AVEC SURFACE DE PALIER DE CENTRAGE

Publication  
**EP 4344991 A1 20240403 (EN)**

Application  
**EP 23200292 A 20230928**

Priority  
EP 2022077243 W 20220930

Abstract (en)  
A drive system (1) for a marine vessel (30) comprising a first housing (2) fixed to an opening (32) in a hull (31) of the marine vessel (30), and a drive unit (3) arranged inside the first housing (2), where the drive unit (3) comprises a second housing (4) comprising an electric or combustion drive motor (5) and a marine propulsion system (6) attached to the second housing (4), where the drive system (1) is provided with a parking position (20) in which the marine propulsion system (6) is positioned inside the first housing (2), a drive position (21) in which the marine propulsion system (6) is positioned outside of the first housing (2), where the first housing (2) is provided with an inwardly extending flange (17) arranged around the circumference of the opening (16), and that the second housing (4) is provided with an edge (18) at the circumference of a lower side (15) of the second housing (4), where the flange shape and the edge shape are complementary, such that the edge (18) of the second housing (4) bears on the flange (17) of the first housing (2) when the drive system (1) is in the drive position (21).

IPC 8 full level  
**B63H 5/125** (2006.01); **B63H 5/20** (2006.01)

CPC (source: EP US)  
**B63H 5/125** (2013.01 - EP); **B63H 5/20** (2013.01 - EP); **B63H 20/106** (2013.01 - US); **B63H 2020/025** (2013.01 - US)

Citation (applicant)  
• WO 2019160509 A1 20190822 - SOBERL DAVID [SI]  
• US 2014022097 A1 20140123 - TSAI CHENG-YI [TW]

Citation (search report)  
• [A] US 2885990 A 19590512 - HAWTHORNE JAMES M  
• [A] WO 2018198063 A1 20181101 - B4S SA [CH]  
• [A] JP S61198197 U 19861211  
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• [A] KR 20140076940 A 20140623 - SAMSUNG HEAVY IND [KR]  
• [A] US 2987027 A 19610606 - WANZER ARTHUR W  
• [A] EP 2979972 A1 20160203 - SAMSUNG HEAVY IND [KR]  
• [A] WO 2014072128 A1 20140515 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

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