

Title (en)
ELECTRICALLY DRIVEN SHIP'S PROPELLER AND ITS USE

Publication
EP 0111908 B1 19860618 (DE)

Application
EP 83112682 A 19831216

Priority
DE 3246730 A 19821217

Abstract (en)
[origin: EP0111908A2] 1. Electrically driven ship's propeller in fixed nozzle, wherein the stator of an electrical motor is arranged directly in the nozzle and the rotor of the electrical motor is arranged in a ring connecting the shortened blade end portions of the propeller or in individual curved plates fastened at the blade ends, characterized thereby, that the stator (8) is laid into the end portion of the nozzle (3), that the curved plates (9) receiving the rotor (10) or the ring, which connects these peripherally, of the propeller (4), which is likewise arranged in the end portion of the nozzle, are prolonged (11) beyond the plane formed by the rearward boundary edges of the blades and that the gap separating the stator (8) and the rotor (10) is flooded by ambient seawater.

IPC 1-7
B63H 5/14; **B63H 23/24**

IPC 8 full level
B63H 1/16 (2006.01); **B63H 5/14** (2006.01); **B63H 5/15** (2006.01); **B63H 21/17** (2006.01); **B63H 23/24** (2006.01)

CPC (source: EP)
B63H 5/14 (2013.01); **B63H 23/24** (2013.01); **B63H 2023/005** (2013.01)

Citation (examination)
Hansa-Schiffahrt-Schiffbau-Hafen-119 Jahrgang 1982, Nr. 12 Seite 816 "TVF-Propeller"

Cited by
US9869320B2; EP0124720A1; EP0426604A1; CN107336819A; CN102632982A; EP3000718A1; DE10158320A1; GR1000164B; EP2808247A1; CN104210633A; AU2014202662B2; WO2019092116A1; US10202181B2; WO2014026993A1

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