

Title (en)

MARINE PROPELLER DRIVEN BY AN ELECTRIC MOTOR, COMPRISING A PERMANENT MAGNET ROTOR SHAPED IN THE RING  
CONNECTING THE PROPELLER BLAD TIPS

Publication

**EP 0124720 B1 19860730 (DE)**

Application

**EP 84102623 A 19840310**

Priority

DE 3312063 A 19830402

Abstract (en)

[origin: EP0124720A1] 1. Electrically driven propeller for watercraft with permanent excitation in a flange connecting the propeller blade ends and a stationarily mounted stator winding, in which the annular gap between stator and rotor is flooded, characterized thereby, that the propeller (1, 10) is at least in part arranged in a tunnel (4, 12), which is integrated into the stern of the ship and closed by a nozzle ring (6, 13) around the remaining circumference of the propeller, wherein shaft struts (8, 18) to the outer skin of the ship and to the rudder heel (17) and/or a shaft receptacle in the fixed part (15) of the rudder blade (16) serve to bear the propeller shaft (7, 14).

IPC 1-7

**B63H 5/14**; **B63H 23/24**

IPC 8 full level

**B63H 1/16** (2006.01); **B63H 5/14** (2006.01); **B63H 23/24** (2006.01)

CPC (source: EP KR)

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DOCDB simple family (publication)

**DE 3312063 A1 19841004**; DE 3460374 D1 19860904; EP 0124720 A1 19841114; EP 0124720 B1 19860730; FI 76748 B 19880831;  
FI 76748 C 19881212; FI 841303 A0 19840402; FI 841303 A 19841003; JP S59223598 A 19841215; KR 840008629 A 19841217;  
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