

Title (en)

Control device of a water-jet propulser for a watercraft

Title (de)

Vorrichtung zur Steuerung eines Wasserstrahl-Antriebsgeräts für ein Wasserfahrzeug

Title (fr)

Dispositif de contrôle d'un propulseur à éjection d'eau pour navire

Publication

EP 0778196 A1 19970611 (EN)

Application

EP 96119265 A 19961202

Priority

JP 32007895 A 19951208

Abstract (en)

A control device for a water-jet propulsor capable of setting an appropriate maneuvering force and suited for complicated maneuver operations involving many ship maneuvering effectors has been demanded. A water-jet propelled watercraft is constituted by disposing at least a pair of main propulsors (5, 6) each having a reverser mechanism to control the forward/reverse thrust and a deflector mechanism to control the deflector angle, and at least a pair of auxiliary propulsors (7, 8) each having a reverser mechanism, both on the port and starboard sides at the stern. Forward/reverse thrusts and deflector angles of the main propulsors (5, 6) are controlled by means of a single joystick (1) and forward/reverse thrusts of the auxiliary propulsors (7, 8) are independently controlled by means of a heading control dial (2).

IPC 1-7

B63H 11/10

IPC 8 full level

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CPC (source: EP)

B63H 11/10 (2013.01); **B63H 25/02** (2013.01); **B63H 2011/008** (2013.01); **B63H 2025/026** (2013.01)

Citation (applicant)

- JP H01285486 A 19891116 - YANMAR DIESEL ENGINE CO
- JP H0624388 A 19940201 - KAWASAKI HEAVY IND LTD

Citation (search report)

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- [A] EP 0085035 A2 19830803 - KAMEWA AB [SE]
- [A] DE 4033674 A1 19910704 - MERZ JOSEF [DE]
- [A] US 4176616 A 19791204 - ROBINS THOMAS L [US]
- [YA] "Jetting Ahead", THE MOTOR SHIP, August 1995 (1995-08-01), SUTTON, SURREY, GB, pages 15 - 18, XP000519404

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