

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 ejection d'eau pour navire

Publication

EP 0778196 B1 20000405 (EN)

Application

EP 96119265 A 19961202

Priority

JP 32007895 A 19951208

Abstract (en)

[origin: EP0778196A1] 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)

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Cited by

US7216599B2; US7641525B2; US8126602B2; US8849484B2; US7222577B2; US7993172B2; US8435087B2; US8678869B2; US9290257B2; EP1792825A3; DE10357309A1; EP1364870A1; DE19804661A1; US7052338B2; US7347752B2; US7972187B2; US8858278B2; US7500890B2; US7601040B2; US7037150B2; US8069802B2; US8613634B2; US9096300B2; EP4201802A1; DE19856305A1; EP1208040A4; DE19963476A1; GB2467364A; CN112339968A; EP2814727A4; US8589004B1; US6865996B2; US6443083B2; WO2006062416A1; WO2010039952A1; WO2013122515A1; WO0134463A3; WO2007129918A1; US11472531B2; US11904994B2; EP4011758A1; SE2051296A1; SE545035C2; WO2007067599A1; WO03026955A3; US8480445B2; US6941195B2; US8392040B2; US10435131B2; US7168996B2; US9272765B2; US8631753B2; US9233740B2; US9481441B2; US9937994B2

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