

Title (en)
WATERCRAFT DRIVE WITH A RUDDER PROPELLER

Title (de)
SCHIFFSANTRIEB MIT EINEM RUDERPROPELLER

Title (fr)
MECANISME DE PROPULSION DE NAVIRES AVEC UNE HELICE DE GOUVERNAIL ACTIF

Publication
EP 0790921 A1 19970827 (DE)

Application
EP 95939279 A 19951114

Priority
• DE 4440738 A 19941115
• EP 9504481 W 19951114

Abstract (en)
[origin: US5836795A] PCT No. PCT/EP95/04481 Sec. 371 Date Apr. 14, 1997 Sec. 102(e) Date Apr. 14, 1997 PCT Filed Nov. 14, 1995 PCT Pub. No. WO96/15028 PCT Pub. Date May 23, 1996A watercraft drive has a double rudder propeller driven by a driving engine via a driving shaft (1), an angular gear (3, 4) and an output transmission shaft (5). A propeller (6, 7) is arranged at each end of the output shaft. A guiding device made of guide blades (8a, 8b) is arranged between the propellers to correct aerodynamic conditions between both propellers (6, 7) and thus to reduce energy losses.

IPC 1-7
B63H 5/10; **B63H 5/14**

IPC 8 full level
B63H 5/10 (2006.01); **B63H 5/14** (2006.01)

CPC (source: EP KR US)
B63H 5/10 (2013.01 - EP KR US); **B63H 5/14** (2013.01 - EP US)

Citation (search report)
See references of WO 9615028A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
US 5836795 A 19981117; AT E176772 T1 19990315; CA 2205437 A1 19960523; CA 2205437 C 20040120; CN 1071668 C 20010926; CN 1157599 A 19970820; DE 4440738 A1 19960523; DE 59505129 D1 19990325; DK 0790921 T3 19990920; EP 0790921 A1 19970827; EP 0790921 B1 19990217; ES 2129876 T3 19990616; FI 112058 B 20031031; FI 970348 A0 19970128; FI 970348 A 19970327; GR 3030136 T3 19990831; JP 3544545 B2 20040721; JP H10508562 A 19980825; KR 100388140 B1 20031017; KR 970705497 A 19971009; NO 316372 B1 20040119; NO 972223 D0 19970514; NO 972223 L 19970514; WO 9615028 A1 19960523

DOCDB simple family (application)
US 81747297 A 19970414; AT 95939279 T 19951114; CA 2205437 A 19951114; CN 95195038 A 19951114; DE 4440738 A 19941115; DE 59505129 T 19951114; DK 95939279 T 19951114; EP 9504481 W 19951114; EP 95939279 A 19951114; ES 95939279 T 19951114; FI 970348 A 19970128; GR 990401220 T 19990505; JP 51574196 A 19951114; KR 19970701588 A 19970311; NO 972223 A 19970514