

Title (en)
Ship's propulsion with an adjustable propeller

Title (de)
Schiffsantrieb mit einem Verstellpropeller

Title (fr)
Entraînement de bateau doté d'un propulseur de réglage

Publication
EP 1902941 A3 20140604 (DE)

Application
EP 07018347 A 20070919

Priority
DE 102006045077 A 20060921

Abstract (en)
[origin: EP1902941A2] The marine propulsion has a pitch propeller (2), a hub shell (5), a shaft extension for driving the hub shell. An adaptation mechanism for adjusting a wind support plate. A pressure medium connection for operating the adaptation mechanism. The hub shell is hollow, and encloses an interior space locked against the environment. The adaptation mechanism is in the interior space of the hub shell. The hub shell has an inlet and discharge opening for introducing and a discharge opening for exhausting fluid media respectively.

IPC 8 full level
B63H 3/08 (2006.01)

CPC (source: EP)
B63H 3/082 (2013.01); **B63H 2003/084** (2013.01)

Citation (search report)
• [X] CH 560626 A5 19750415 - ESCHER WYSS GMBH
• [X] JP S59149890 A 19840827 - MITSUBISHI HEAVY IND LTD
• [X] US 4028004 A 19770607 - WIND JAAP
• [XA] DD 248334 A1 19870805 - ROSTOCK DIESELMOTOREN [DD]

Cited by
CN112441205A; WO2016034639A1; EP3188965B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1902941 A2 20080326; EP 1902941 A3 20140604; DE 102006045077 A1 20080327; NO 20074797 L 20080324

DOCDB simple family (application)
EP 07018347 A 20070919; DE 102006045077 A 20060921; NO 20074797 A 20070920