

Title (en)
STEERING AND/OR PROPULSION DEVICE FOR A VESSEL

Title (de)
STEUER- UND/ODER VORTRIEBSVORRICHTUNG FÜR EIN SCHIFF

Title (fr)
DISPOSITIF DE DIRECTION ET/OU DE PROPULSION POUR NAVIRE

Publication
EP 0950005 B1 20020424 (EN)

Application
EP 98900783 A 19980109

Priority

- NO 9800007 W 19980109
- NO 970075 A 19970109

Abstract (en)
[origin: WO9830440A1] A steering and/or propulsion device for a vessel, preferably for installation in the bow portion of the vessel, comprising a propeller nozzle assembly (1) adapted to be rotated 360 DEG about its vertical axis (2). The propeller/nozzle assembly (1) is provided for two active drive positions, one position (O<N>) below the bottom of the vessel and one position (O<O>) in a preferably downwardly open channel (3) in the bottom portion of the vessel, whereby the direction of the rotational axis of the propeller is coincident with the axis direction or longitudinal direction of the channel. The propeller/nozzle assembly (1) can be reversed also in the upper operative position.

IPC 1-7
B63H 5/125; **B63H 25/42**

IPC 8 full level
B63H 5/125 (2006.01); **B63H 25/42** (2006.01); **B63H 5/14** (2006.01)

CPC (source: EP)
B63H 5/125 (2013.01); **B63H 25/42** (2013.01); **B63H 5/14** (2013.01); **B63H 2025/425** (2013.01)

Cited by
WO2013026954A1; RU183225U1; CN103842243A; RU2667421C1; WO2006128486A1; DE102010043680A1; WO2012062699A1

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

DOCDB simple family (publication)
WO 9830440 A1 19980716; AT E216673 T1 20020515; AU 5579998 A 19980803; DE 69805053 D1 20020529; DE 69805053 T2 20021107; DK 0950005 T3 20020729; EP 0950005 A1 19991020; EP 0950005 B1 20020424; ES 2178140 T3 20021216; NO 305892 B1 19990816; NO 970075 D0 19970109; NO 970075 L 19980710; PT 950005 E 20021031

DOCDB simple family (application)
NO 9800007 W 19980109; AT 98900783 T 19980109; AU 5579998 A 19980109; DE 69805053 T 19980109; DK 98900783 T 19980109; EP 98900783 A 19980109; ES 98900783 T 19980109; NO 970075 A 19970109; PT 98900783 T 19980109