

Title (en)

FRONT-MOUNTED TWIN-RUDDER PROPELLER SHIP

Title (de)

PROPELLERSCHIFF MIT FRONTAL MONTIERTEM DOPPELRUDER

Title (fr)

NAVIRE À DOUBLE PROPULSEUR ORIENTABLE MONTÉ À L'AVANT

Publication

**EP 3205572 A4 20180502 (EN)**

Application

**EP 15848489 A 20150929**

Priority

- JP 2014205589 A 20141006
- JP 2015077543 W 20150929

Abstract (en)

[origin: EP3205572A1] The invention provides a structure of a propeller ship which can achieve improvement of fuel consumption, and enlarge an amount of cargo per ship total length. Rudders 12 are provided at laterally symmetrical positions of a ship center line in a front side of a propeller 11 and in a rear side of a buttock line.

IPC 8 full level

**B63H 25/38** (2006.01); **B63H 25/42** (2006.01)

CPC (source: EP KR US)

**B63H 25/38** (2013.01 - EP KR US); **B63H 25/42** (2013.01 - EP KR US)

Citation (search report)

- [XY] JP S5217496 U 19770207
- [XA] JP S62116397 A 19870527 - MITSUBISHI HEAVY IND LTD
- [Y] WO 2006056654 A1 20060601 - WAERTSILAE FINLAND OY [FI], et al
- [Y] JP S5515386 A 19800202 - SCHOTTEL NEDERLAND BV
- See references of WO 2016056429A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3205572 A1 20170816; EP 3205572 A4 20180502**; AR 102182 A1 20170208; CN 105683040 A 20160615; CN 105683040 B 20180703; JP 2016074291 A 20160512; JP 6182788 B2 20170823; KR 101879253 B1 20180717; KR 20160057392 A 20160523; SG 11201702770R A 20170530; TW 201628922 A 20160816; TW I613122 B 20180201; US 2017305522 A1 20171026; WO 2016056429 A1 20160414

DOCDB simple family (application)

**EP 15848489 A 20150929**; AR P150103217 A 20151006; CN 201580001850 A 20150929; JP 2014205589 A 20141006; JP 2015077543 W 20150929; KR 20167006566 A 20150929; SG 11201702770R A 20150929; TW 104132721 A 20151005; US 201515517488 A 20150929