

Title (en)

FLUID GUIDING DEVICE FOR AZIMUTH THRUSTER

Title (de)

FLÜSSIGKEITFÜHRUNGSVORRICHTUNG FÜR AZIMUTALPROPELLER

Title (fr)

DISPOSITIF DE GUIDAGE DE FLUIDE PROPULSEUR AZIMUTAL

Publication

EP 3318479 A1 20180509 (EN)

Application

EP 16196916 A 20161102

Priority

EP 16196916 A 20161102

Abstract (en)

A fluid guiding device (200) for an azimuth thruster (100) is disclosed. The fluid guiding device (200) comprises an inner ring member (206) extending circumferentially about a longitudinal axis (A), and including a first inner ring member channel (244). The fluid guiding device (200) further comprises an outer ring member (208) arranged coaxial around the inner ring member (206), and including a first outer ring member channel (272) fluidly connected to the first inner ring member channel (244). The inner ring member (206) and the outer ring member (208) are movable with respect to each other in a radial direction of the longitudinal axis (A). Said configuration may allow to accommodate a radial movement resulting from a thrust force of the propeller which may slightly bend and/or displace the drive shaft.

IPC 8 full level

B63H 21/38 (2006.01)

CPC (source: EP)

B63H 21/386 (2013.01); **B63H 2005/1254** (2013.01); **B63H 2005/1256** (2013.01)

Citation (search report)

- [X] NL 8005590 A 19820503 - ISHIKAWAJIMA SHIP & CHEM
- [X] WO 2013072549 A1 20130523 - WAERTSILAE FINLAND OY [F], et al
- [A] WO 8903341 A1 19890420 - SALVETTI MAURO [IT]

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

Designated extension state (EPC)

BA ME

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