

Title (en)
Azimuth thruster for use in ships.

Title (de)
Azimutalpropeller für Schiffe.

Title (fr)
Propulseur azimutal pour bateau.

Publication
EP 0159144 A1 19851023 (EN)

Application
EP 85301833 A 19850315

Priority
JP 3720384 A 19840227

Abstract (en)
The azimuth thruster includes: an outboard housing (26) mounted within a substantially conical recess (17) to turn about a vertically axis, the conical recess formed in the bottom of a hull of the ship to converge upwards; a turning unit (23), mounted to the hull, for turning the outboard housing about the vertical axis; a propeller shaft rotatably supported by the outboard housing to cross the vertical axis of the outboard housing with an acute angle (α); a propeller (42) mounted on the lower end of the propeller shaft to be located outside the outboard housing and within the conical recess and to provide a thrust upwards in the direction of the propeller shaft; and a propulsion unit (52) for rotating the propeller shaft.

IPC 1-7
B63H 25/42

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

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

Citation (search report)
[X] EP 0035600 A1 19810916 - EN REPARATIEBEDRIJF LIPS KELLE [NL]

Cited by
NO335597B1; GB2179312A; CN106240738A; GB2179903A; RU2610887C2; US10384754B2; US8968776B2; US7614926B2; WO2012171594A1

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GB NL

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