

Title (en)
LUBRICATION SYSTEM FOR AZIMUTH THRUSTER

Title (de)
SCHMIERSYSTEM FÜR AZIMUTTRIEBWERK

Title (fr)
SYSTÈME DE LUBRIFICATION POUR PROPULSEUR D'AZIMUT

Publication
EP 3279079 B1 20190918 (EN)

Application
EP 16182843 A 20160804

Priority
EP 16182843 A 20160804

Abstract (en)
[origin: EP3279079A1] An azimuth thruster (100) for a marine vessel is disclosed. The azimuth thruster (100) comprises an upper gear unit (102), a lower gear unit (106), and an input shaft (118) drivingly connecting the upper gear unit (102) and the lower gear unit (106). The input shaft (118) includes an inner lubricant channel (200) extending in a longitudinal direction of the input shaft (118). The inner lubricant channel (200) may allow for lubrication directly provided to the highly stressed components of the lower gear unit (106) of the azimuth thruster (100) to improve lubrication and heat dissipation.

IPC 8 full level
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CPC (source: EP)
B63H 5/125 (2013.01); **B63H 21/386** (2013.01)

Cited by
SE2251029A1; CN115583330A; JP2020006824A; CN110697013A; WO2022263076A1

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