

Title (en)

THRUST ASSEMBLY FOR PROPELLING A VESSEL AND VESSEL COMPRISING THE THRUST ASSEMBLY

Title (de)

SCHUBANORDNUNG ZUM ANTREIBEN EINES SCHIFFS UND SCHIFF MIT DER SCHUBANORDNUNG

Title (fr)

ENSEMBLE DE POUSSÉE POUR LA PROPULSION D'UN NAVIRE ET NAVIRE COMPRENANT L'ENSEMBLE DE POUSSÉE

Publication

EP 4149832 A1 20230322 (EN)

Application

EP 21726870 A 20210512

Priority

- DK PA202070311 A 20200512
- EP 2021062642 W 20210512

Abstract (en)

[origin: WO2021228949A1] Disclosed is a thrust assembly for propelling a vessel. The thrust assembly comprises a pump for generating a first flow of sea water. The pump comprises a pump inlet and a pump outlet. The thrust assembly comprises an ejector comprising a suction inlet configured for suction of a second flow of sea water, a motive inlet connected to the pump outlet for receiving the first flow of sea water from the pump, an outlet section comprising an ejector outlet configured for discharging a third flow of sea water, a nozzle arranged downstream the motive inlet, and a diffuser arranged in the outlet section downstream the nozzle. The outlet section is configured to mix the first flow of sea water with the second flow of sea water to generate a third flow of sea water, the diffuser being configured to increase a pressure of the third flow of sea water downstream the diffuser.

IPC 8 full level

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CPC (source: EP)

A62C 29/00 (2013.01); **B63B 35/66** (2013.01); **B63H 11/04** (2013.01)

Citation (search report)

See references of WO 2021228949A1

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