

Title (en)

PODDED ALL-DIRECTION PUMP-JET VECTOR PROPELLER

Title (de)

ALLRICHTUNGSVEKTORPUMPENDÜSENPROPELLER MIT POD

Title (fr)

PROPULSEUR VECTORIEL À HYDROJET OMNIDIRECTIONNEL À NACELLE

Publication

**EP 3141472 A1 20170315 (EN)**

Application

**EP 15776780 A 20150404**

Priority

- CN 201410136360 A 20140407
- CN 2015000234 W 20150404

Abstract (en)

Disclosed is a podded all-direction pump-jet vector propeller, comprising a controller (1), a suspension arm (2), a motor (3) which is fixedly provided below the suspension arm (2) and is electrically connected to the controller (1), and an impeller (5) provided on an output shaft (4) of the motor (3), wherein the upper end of the suspension arm (2) is connected to a 360 degrees steering engine (6) in a driving manner, and the 360 degrees steering engine (6) is electrically connected to the controller (1). The vector propeller can be applied in the technical field of vessel vector propellers, and has the advantages of a simple structure, flexible dismounting and mounting, high degree of integration, high safety performance, and flexible and diverse controls, and can improve the work efficiency effectively.

IPC 8 full level

**B63H 11/08** (2006.01); **B63H 25/14** (2006.01)

CPC (source: EP)

**B63H 5/125** (2013.01); **B63H 5/165** (2013.01); **B63H 11/08** (2013.01); **B63H 25/46** (2013.01); **B63H 2005/1258** (2013.01)

Cited by

CN112874746A; CN111284646A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**EP 3141472 A1 20170315**; **EP 3141472 A4 20180117**; **EP 3141472 B1 20190605**; CN 103921921 A 20140716; CN 103921921 B 20170825; WO 2015154544 A1 20151015

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