

Title (en)

A foldable element for a retractable thruster and a method for producing such element

Title (de)

Klappbares Element für ein ausfahrbares Strahlantrieb und Verfahren zur Herstellung eines derartigen Elements

Title (fr)

Élément pliable pour propulseur rétractable et procédé de production d'un tel élément

Publication

EP 2757037 A1 20140723 (EN)

Application

EP 13000312 A 20130122

Priority

EP 13000312 A 20130122

Abstract (en)

A foldable element for a retractable thruster for a boat and a method for producing such element, comprising; - moulding a first and a second element (100a, 100b) comprising thruster tunnel segments (20a, 20b) shaped as a hollow cylinder segment, and at least one arm section (41 a, 41 b) extending from said first segment (20a), - arranging a propeller shaft (21), a drive shaft (15) and a gearbox (16) connecting said drive shaft (15) to said propeller shaft (21) in said first thruster tunnel segment (20a), wherein said drive shaft (15) is extending out of said first thruster tunnel segment (20a), - arranging said second element (100b) relative said first element (100a) so that said first and second segments (20a, 20b) constitute a hollow cylinder (17) surrounding said propeller shaft (21), wherein said first and second arm sections (41 a, 41 b) is are in contact and fastened.

IPC 8 full level

B63H 5/125 (2006.01)

CPC (source: EP)

B63H 25/42 (2013.01); **B63H 2025/425** (2013.01)

Citation (applicant)

- EP 1876094 A2 20080109 - NETA N V [BE]
- US 5152240 A 19921006 - FONTANILLE GUY [FR]
- US 2006060127 A1 20060323 - FONTANILLE GUY [FR], et al
- EP 2246252 A2 20101103 - HOWALDTSWERKE DEUTSCHE WERFT [DE]

Citation (search report)

- [ID] EP 2246252 A2 20101103 - HOWALDTSWERKE DEUTSCHE WERFT [DE]
- [AD] US 2006060127 A1 20060323 - FONTANILLE GUY [FR], et al
- [AD] US 5152240 A 19921006 - FONTANILLE GUY [FR]

Cited by

CN108357642A; EP3168137A1; GB2544467A; AU2016256801B2; US11939036B2; US10167069B2; WO2016145537A1; US11801926B2; US11873071B2; US11591057B2; US11866144B2; USD983838S; USD1006828S; US10766586B2; USD1023888S; WO2022050850A3; US10005532B2; DE102022101872A1; DE102022115286A1; US11603179B2; US11572146B2; US11932369B1

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

DOCDB simple family (publication)

EP 2757037 A1 20140723

DOCDB simple family (application)

EP 13000312 A 20130122