

Title (en)
Retractable thruster

Title (de)
Ausfahrbares Strahlruder

Title (fr)
Propulseur rétractable

Publication
EP 2548797 A1 20130123 (EN)

Application
EP 11005850 A 20110718

Priority
EP 11005850 A 20110718

Abstract (en)
A retractable thruster (1) for a watercraft with a hull (2) comprising an opening (3). The retractable thruster (1) comprises; - a motor (10) arranged for being fixed inside the hull (2) of the watercraft, - a propeller unit (20) arranged for moving along an arc (AB) with a first direction of rotation (r) between a retracted position (A) inside the hull (1) and an extended position (B) outside the hull (1), - a door (30) arranged for closing the opening (3) when the propeller unit (20) is in the retracted position (A), the door (30) further arranged for moving with the propeller unit (20) in the first direction of rotation (r) along the arc (AB) and for rotating with a second direction of rotation (s) opposite of the first direction of rotation (r).

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

- [A] DE 19601226 A1 19970717 - ELGER GERD [CH]
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CN104085507A; EP3168137A1; GB2544467A; AU2016256801B2; US10005532B2; WO2022050850A2; EP3587240A1; US10766586B2

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

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