

Title (en)
Marine propeller with blades with individually controllable pitch

Title (de)
Schiffspropeller mit Blättern mit individuell einstellbarer Steigung

Title (fr)
Hélice de bateau avec pâles à pas variable individuellement

Publication
EP 2669182 A3 20151118 (DE)

Application
EP 13165673 A 20130429

Priority
DE 102012208958 A 20120529

Abstract (en)
[origin: EP2669182A2] The propeller has a hub portion (4) that is rotated about a rotation axis (X). Several blades (1-3) are connected to the hub portion pivotally such that rotation axis of hub is transverse to adjustment axes (X1-X3) of respective blades. An adjustment device (5) is arranged for adjusting pitch angles (W1-W3) of blades respectively. The adjustment device is designed such that blade pitch angles of respective blades are varied during rotation of the blades.

IPC 8 full level
B63H 1/26 (2006.01); **B63H 3/00** (2006.01); **B63H 25/42** (2006.01)

CPC (source: EP)
B63H 3/002 (2013.01); **B63H 25/42** (2013.01)

Citation (search report)

- [X] JP S6177593 A 19860421 - MITSUBISHI HEAVY IND LTD
- [X] JP S61119495 A 19860606 - MITSUBISHI HEAVY IND LTD
- [X] US 5028210 A 19910702 - PETERSON FRANK B [US], et al
- [A] US 2005106956 A1 20050519 - ATMUR ROBERT J [US], et al

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 2669182 A2 20131204; EP 2669182 A3 20151118; DE 102012208958 A1 20131205

DOCDB simple family (application)
EP 13165673 A 20130429; DE 102012208958 A 20120529