

Title (en)

Marine propulsion and constructional details thereof

Title (de)

Schiffsantrieb und Ausführungseinzelheiten hierfür

Title (fr)

Propulsion pour bateau et ses détails de construction

Publication

**EP 1900634 A1 20080319 (EN)**

Application

**EP 06120796 A 20060915**

Priority

EP 06120796 A 20060915

Abstract (en)

A fin (3) for use on a propeller, the fin comprising: a lift generating section (30) having a leading edge (302) and a trailing edge (303), and a pair of surfaces extending between the leading and the trailing edges thereby defining a tip section and a root section; and a dihedral section connected to the root section of the lift generating section (30) and having an axis (BB) about which, in use, the lift generating system can be rotated to vary the dihedral of the fin, the axis (BB) being generally parallel to the root section of the lift generating section.

IPC 8 full level

**B63H 25/42** (2006.01)

CPC (source: EP US)

**B63H 25/42** (2013.01 - EP US)

Citation (applicant)

- US 4186829 A 19800205 - PELLIGRINO PAUL A [US], et al
- US 6443286 B1 20020903 - BRATEL DEAN J [US], et al
- US 6666312 B2 20031223 - MATRANGA GERALD [US], et al
- US 4125039 A 19781114 - HELM DENNIS R
- US 5992599 A 19991130 - HALLENSTVEDT ODDBJOERN [SE], et al
- DE 10035480 A1 20020131 - ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]
- EP 1008514 A1 20000614 - BUECHLER DIRK [DE]
- US 6332818 B1 20011225 - DUNCAN IAN JAMES [GB], et al
- EP 1280694 A1 20030205 - ERIKSSON TORBJOERN [SE]

Citation (search report)

- [XY] GB 576364 A 19460401 - UNITED AIRCRAFT CORP
- [Y] US 4131391 A 19781226 - ROBINSON FRANK D
- [Y] GB 807423 A 19590114 - FAIREY AVIAT CO LTD
- [Y] WO 0147770 A1 20010705 - FLES NENAD [HR]
- [Y] GB 594396 A 19471111 - UNITED AIRCRAFT CORP
- [A] US 3101066 A 19630820 - HASELTON FREDERICK R
- [A] US 4957413 A 19900918 - REICH RONALD S [US], et al
- [A] US 5249992 A 19931005 - SCHNEIDER WILLIAM E [US]
- [A] US 5028210 A 19910702 - PETERSON FRANK B [US], et al
- [A] US 2626766 A 19530127 - MCDONALD JOHN E
- [A] US 4092084 A 19780530 - BARLTROP AUSTIN
- [A] US 3589835 A 19710629 - LINDEN ARTHUR W
- [A] US 3709187 A 19730109 - MARCO A, et al

Cited by

AT512142A1; AT512142B1; US10041367B2; WO2008032123A1; WO2008032124A1; WO2008032122A1; WO2008032125A2; WO2008032119A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1900634 A1 20080319**; EP 2069197 A2 20090617; US 2009304510 A1 20091210; WO 2008032121 A2 20080320;  
WO 2008032121 A3 20090522

DOCDB simple family (application)

**EP 06120796 A 20060915**; EP 07804451 A 20070914; GB 2007050547 W 20070914; US 44151607 A 20070914