

Title (en)
HYDRAULIC DEVICE FOR CHANGING THE PITCH OF A PROPELLER

Title (de)
HYDRAULISCHE VORRICHTUNG ZUR ÄNDERUNG DES ANSTELLWINKELS EINES PROPELLERS

Title (fr)
DISPOSITIF HYDRAULIQUE DE CHANGEMENT DE PAS D'HELICE

Publication
EP 2630335 A1 20130828 (FR)

Application
EP 11779773 A 20110930

Priority
• FR 1058594 A 20101021
• FR 2011052290 W 20110930

Abstract (en)
[origin: WO2012052649A1] The present invention relates to a hydraulic device (100) for changing the pitch of a propeller comprising a piston rod (20) actuated by a hydraulic fluid, said piston rod (20) comprising at its end a clevis mount (30) able to provide a connection for transmitting the movements of said piston rod (20) so as to change the pitch of at least one propeller, said hydraulic device being characterized in that it comprises a thread nut (41) held in position on said clevis (30) of said piston rod (20) by retaining means (40), said nut (41) being able to collaborate with a threaded rod in order to provide a connection.

IPC 8 full level
F01D 7/00 (2006.01); **F04D 29/56** (2006.01)

CPC (source: EP US)
F01D 7/00 (2013.01 - EP US); **F04D 29/323** (2013.01 - EP US); **F04D 29/563** (2013.01 - US); **F05D 2220/36** (2013.01 - EP US); **F05D 2260/50** (2013.01 - EP US); **F05D 2260/79** (2013.01 - EP US)

Citation (search report)
See references of WO 2012052649A1

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

DOCDB simple family (publication)
WO 2012052649 A1 20120426; BR 112013009848 A2 20160726; CA 2815337 A1 20120426; CN 103210183 A 20130717; CN 103210183 B 20151125; EP 2630335 A1 20130828; EP 2630335 B1 20170104; FR 2966426 A1 20120427; FR 2966426 B1 20121207; RU 2013123058 A 20141127; US 2013199167 A1 20130808; US 9879552 B2 20180130

DOCDB simple family (application)
FR 2011052290 W 20110930; BR 112013009848 A 20110930; CA 2815337 A 20110930; CN 201180055101 A 20110930; EP 11779773 A 20110930; FR 1058594 A 20101021; RU 2013123058 A 20110930; US 201113880621 A 20110930