

Title (en)

BOAT DRIVE COMPRISING A CONTROL DEVICE

Title (de)

BOOTSANTRIEB MIT STEUEREINRICHTUNG

Title (fr)

ENTRAÎNEMENT DE BATEAU COMPORTANT UN DISPOSITIF DE COMMANDE

Publication

EP 2398698 B1 20130626 (DE)

Application

EP 10703865 A 20100211

Priority

- EP 2010051698 W 20100211
- DE 102009000993 A 20090218

Abstract (en)

[origin: WO2010094612A1] The invention relates to a control device, especially for a boat drive, comprising an operating mechanism, a reduction gear (8, 11, 15/17) and an actuator (2) that can be moved at a control angle. According to the invention, the reduction gear comprises a multi-stage gear mechanism (8, 11, 15/17) provided with a toothed gear (10) on the drive side, and the operating mechanism comprises two servomotors (6) driving the toothed wheel simultaneously but in a slightly counter-rotating manner.

IPC 8 full level

B63H 5/125 (2006.01); **B63H 20/12** (2006.01)

CPC (source: EP US)

B63H 5/125 (2013.01 - EP US); **B63H 25/26** (2013.01 - EP US); **B63H 25/34** (2013.01 - EP US); **B63H 25/42** (2013.01 - EP US); **B63H 2005/1256** (2013.01 - EP US); **Y10T 74/19** (2015.01 - EP US)

Citation (examination)

- JP 2007008189 A 20070118 - OSHIMA SHIPBUILDING CO LTD
- WO 2004108523 A1 20041216 - SCHMIDT S MARINE EL AS A [DK], et al

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009000993 A1 20100819; AU 2010215633 A1 20110804; AU 2010215633 B2 20141106; CN 102325694 A 20120118; CN 102325694 B 20140528; EP 2398698 A1 20111228; EP 2398698 B1 20130626; JP 2012517937 A 20120809; JP 5723296 B2 20150527; US 2011294377 A1 20111201; US 8506337 B2 20130813; WO 2010094612 A1 20100826

DOCDB simple family (application)

DE 102009000993 A 20090218; AU 2010215633 A 20100211; CN 201080008347 A 20100211; EP 10703865 A 20100211; EP 2010051698 W 20100211; JP 2011550524 A 20100211; US 201013140036 A 20100211