

Title (en)

Automatic anti-roll stabilization system of a watercraft

Title (de)

Automatisches Antirollstabilisierungssystem eines Wasserfahrzeugs

Title (fr)

Système antirollis automatique pour la stabilisation d'un bateau

Publication

EP 2172394 B1 20120404 (EN)

Application

EP 09171591 A 20090929

Priority

IT TO20080725 A 20081002

Abstract (en)

[origin: EP2172394A1] An automatic system for anti-roll stabilization of watercraft, comprising: - a stabilizing fin (12) that can turn about an axis (18); - an actuator assembly (14), designed to govern rotation of said fin (12) about said axis (18); and - a regulating system (16), designed to govern said actuator assembly (14) as a function of signals indicating rolling of the watercraft. Said actuator assembly (14) comprises an electric motor (26) connected to said stabilizing fin (12).

IPC 8 full level

B63B 39/06 (2006.01)

CPC (source: EP US)

B63B 39/061 (2013.01 - EP US)

Cited by

IT202000021328A1; EP2669177A1; WO2022013014A1; CN108770353A; RU2617159C1; IT201800007927A1; EP4215435A3; EP2452870A1; ITMI20101688A1; ITTO20120472A1; CN110015387A; US9527556B2; EP3724063A4; EP3936425A1; AU2021204825B2; EP4219285A1; WO2014065672A1; US10077098B2; DE102020208770A1; US10040521B2; US11685485B2; WO2016188963A1; US10322778B2; EP3400165B1; EP3298302B1; EP3658453B1

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)

EP 2172394 A1 20100407; EP 2172394 B1 20120404; EP 2172394 B2 20160713; EP 2172394 B9 20170125; AT E552165 T1 20120415; DK 2172394 T3 20120618; DK 2172394 T4 20161107; ES 2384363 T3 20120704; ES 2384363 T5 20170103; ES 2384363 T9 20171130; HR P20120531 T1 20120731; HR P20120531 T4 20161230; IT TO20080725 A1 20100403; PL 2172394 T3 20120831; PL 2172394 T5 20180430; US 2010083887 A1 20100408

DOCDB simple family (application)

EP 09171591 A 20090929; AT 09171591 T 20090929; DK 09171591 T 20090929; ES 09171591 T 20090929; HR P20120531 T 20120627; IT TO20080725 A 20081002; PL 09171591 T 20090929; US 57184209 A 20091001