

Title (en)

ACTIVE STABILISATION DEVICE AND METHOD

Title (de)

AKTIVE STABILISIERUNGSVORRICHTUNG SOWIE VERFAHREN

Title (fr)

DISPOSITIF ACTIF DE STABILISATION ET PROCÉDÉ

Publication

EP 3693262 B1 20240320 (DE)

Application

EP 20154090 A 20200128

Priority

DE 102019201505 A 20190206

Abstract (en)

[origin: US2020247509A1] An active stabilizing device for a primary damping of rolling movements of a ship or other watercraft includes at least one positioning device including a drive journal and a stabilizing fin having a stabilizing surface and a root, the drive journal being attached to the stabilizing fin at the root, the stabilizing surface having a leading edge and a trailing edge and being configured to be disposed underwater. The positioning device is configured to simultaneously pivot the stabilizing fin about a pivot axis by a pivot angle and rotate the stabilizing fin about an axis of rotation. Also, a method of operating the active stabilizing device.

IPC 8 full level

B63B 39/06 (2006.01)

CPC (source: CN EP KR US)

B63B 39/06 (2013.01 - CN EP KR US); **B63B 39/062** (2013.01 - CN); **B63B 2039/067** (2013.01 - KR)

Cited by

CN113104167A; EP3822159A1

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)

EP 3693262 A1 20200812; EP 3693262 B1 20240320; AU 2020200724 A1 20200820; CN 111532388 A 20200814; DE 102019201505 A1 20200806; JP 2020128202 A 20200827; JP 7486969 B2 20240520; KR 20200097213 A 20200818; US 11052979 B2 20210706; US 2020247509 A1 20200806

DOCDB simple family (application)

EP 20154090 A 20200128; AU 2020200724 A 20200131; CN 202010081106 A 20200206; DE 102019201505 A 20190206; JP 2020017967 A 20200205; KR 20200013530 A 20200205; US 202016748972 A 20200122