

Title (en)

Swing motion reducing apparatus for ship

Title (de)

Schaukelbewegungsreduzierungsvorrichtung für Schiff

Title (fr)

Appareil de réduction des mouvements de balancement pour navires

Publication

**EP 2243697 B1 20130313 (EN)**

Application

**EP 10152137 A 20100129**

Priority

JP 2009103158 A 20090421

Abstract (en)

[origin: EP2243697A2] In a swing motion reducing apparatus for a ship includes a flywheel, a gimbal mechanism configured to rotatably support the flywheel, a motor configured to rotate the flywheel based on a drive power to be supplied; and a motor driver configured to supply the drive power to the motor. A damper section is configured to brake a swing motion of the gimbal mechanism. A safety unit controls the motor driver to stop the supply of the drive power to the motor when a temperature of the damper section is equal to or higher than a predetermined temperature.

IPC 8 full level

**B63B 39/04** (2006.01)

CPC (source: EP US)

**B63B 39/04** (2013.01 - EP US)

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 2243697 A2 20101027; EP 2243697 A3 20111130; EP 2243697 B1 20130313;** AU 2010200361 A1 20101104; AU 2010200361 B2 20110421; ES 2412269 T3 20130710; JP 2010256042 A 20101111; JP 4782216 B2 20110928; NZ 583020 A 20110630; TW 201040075 A 20101116; TW I383920 B 20130201; US 2011030604 A1 20110210

DOCDB simple family (application)

**EP 10152137 A 20100129;** AU 2010200361 A 20100201; ES 10152137 T 20100129; JP 2009103158 A 20090421; NZ 58302010 A 20100201; TW 99102749 A 20100129; US 69668710 A 20100129