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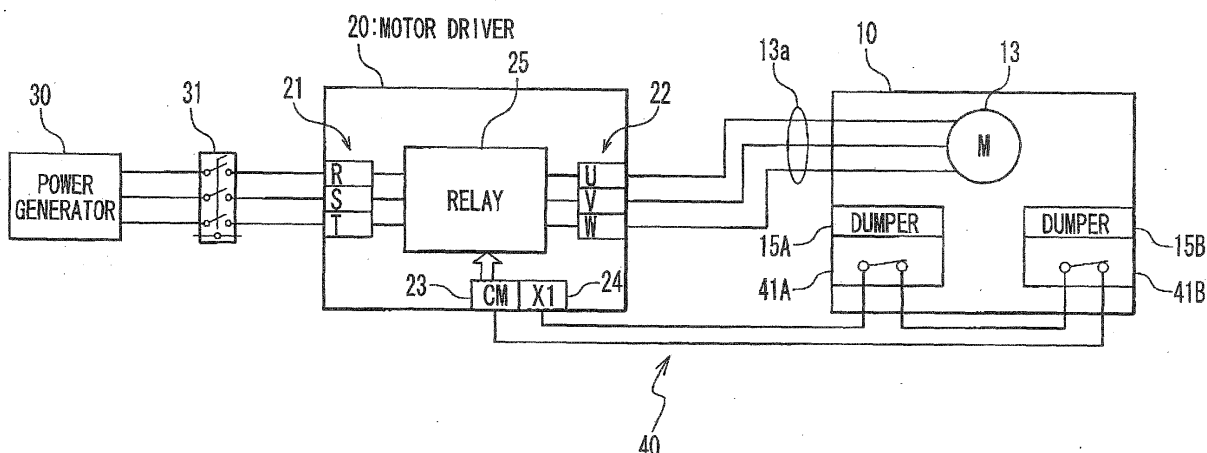
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(54) **Swing motion reducing apparatus for ship**

(57) 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.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
EP 10 15 2137

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 5 628 267 A (HOSHIO AKINORI [JP] ET AL) 13 May 1997 (1997-05-13) * column 4, lines 41-45 * * column 5, line 37 - column 6, line 36; figure 1 *	1	INV. B63B39/04
A	US 3 576 134 A (FERSHT SAMUEL N) 27 April 1971 (1971-04-27) * column 2, line 49 - column 3, line 31; figures 1-4 *	1	
A	US 1 183 530 A (BRENNAN, L.) 16 May 1916 (1916-05-16) * page 3, lines 28-39 *	1	
A	US 3 633 086 A (SPETH WINFRIED ET AL) 4 January 1972 (1972-01-04) * column 2, lines 1-26 *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B63B
Place of search		Date of completion of the search	Examiner
Munich		27 October 2011	Brumer, Alexandre
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 15 2137

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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