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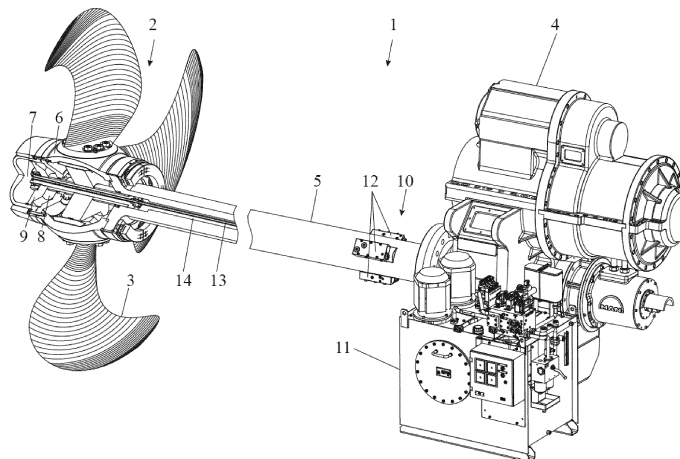
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(54) Ship propulsion system

(57) Described is a ship propulsion system (1) comprising a propeller arrangement (2) having at least one adjustable propeller blade (3) connected to a hub (6) housing a hydraulic cylinder arrangement comprising a first pressure chamber (7) and a second pressure chamber (8) separated by a piston (9) connected to and operating an regulating device for the at least one adjustable propeller blade (3) and a propeller shaft (5) located between the hub (6) and a torque transmission unit (4) where the propeller shaft (5) comprises a valve arrangement (10) provided with fluid from a hydraulic power unit

(11) and having a number of valve fluid channels (17,18,19,20) connected to a number of check valves (15,16) for controlling a flow of fluid through a first duct (13) and a second duct (14) to the first pressure chamber (7) and from the second pressure chamber (7), respectively, or vice versa. The ship propulsion system is characterized in that the valve arrangement (10) comprises at least one check valve (15,16) arranged in a valve housing (12) being mounted to an outside surface of the propeller shaft (5) and rotating together with the propeller shaft (5).

Fig. 1



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Y	* figure 1 * * page 5, line 5 - page 6, last line *	6-9	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 February 2016	Examiner Cauderlier, Frédéric
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			

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ANNEX TO THE EUROPEAN SEARCH REPORT
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5 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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