



(88) Date of publication of the international search report:
16 April 2009

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/070170**A. CLASSIFICATION OF SUBJECT MATTER****B63H 25/38(2006.01)i, B63H 25/06(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8 : B63H 25/38, B63H 25/06, B63H 25/30, B63H 25/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS (KIPO internal) & keywords : "bearing", "rudder post", "rudder tube", "rudder assembly"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,809,631 A (JAMES H. KRAMER) 07 March 1989 See abstract and figures 2 to 17	1 - 11
A	JP 03000973 U9 (NAKASIMA ENGINEERING CO., LTD.) 08 June 1994 See claims 1 to 3 and figures 1 to 3	1 - 11
A	JP 2003127989 A (JAPAN HAMWORTHY CO., LTD.) 08 MAY 2003 See claims 1 to 8 and figures 1 to 12	1 - 11
A	KR 200395386 Y1 (SAMSUNG HEAVY IND. CO., LTD.) 02 September 2005 See claims 1,2 and figures 2 to 4	1 - 11

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 FEBRUARY 2009 (26.02.2009)

Date of mailing of the international search report

26 FEBRUARY 2009 (26.02.2009)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

PARK, SUNG WOO

Telephone No. 82-42-481-8140



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2008/070170

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4,809,631 A	07.03.1989	None	
JP 03000973 U9	08.06.1994	None	
JP 2003127989 A	08.05.2003	EP 1445192 A1	11.08.2004
		KR 10-2004-0042906 A	20.05.2004
		WO 03035466 A1	01.05.2003
KR 200395386 Y1	02.09.2005	None	