

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
15 March 2007 (15.03.2007)

PCT

(10) International Publication Number  
WO 2007/030271 A3

(51) International Patent Classification:  
F16C 11/00 (2006.01)

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(21) International Application Number:  
PCT/US2006/031484

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(22) International Filing Date: 10 August 2006 (10.08.2006)

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

(25) Filing Language: English

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

(26) Publication Language: English

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

(30) Priority Data:  
11/218,258 1 September 2005 (01.09.2005) US

GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP,

KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,

LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA,

NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC,

SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ,

UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

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GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

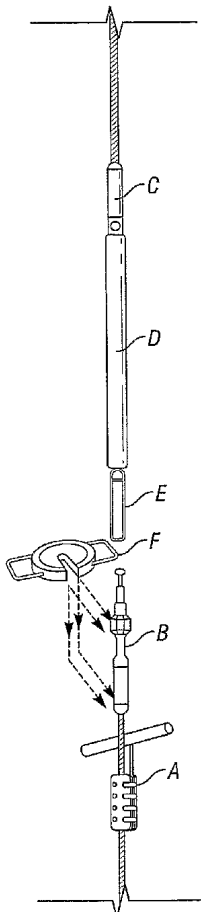
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,

[Continued on next page]

(54) Title: BEARING ASSEMBLY FOR SWIVEL JOINT

(57) Abstract: Disclosed is an improved swivel joint for use as part of a cable-guided fishing assembly. The swivel joint contains a bearing assembly comprising a series of ball bearings partially encased by an inner and outer race. During a cable-guided fishing operation, the inner and outer race exert a shearing, rather than compression, force on the ball bearing due to the unique configuration of the bearing assembly. This unique configuration increases the strength of the bearing assembly, and the corresponding strength of the swivel joint, without necessitating an increase in the outer diameter of the swivel joint.



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RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *with international search report*

**(88) Date of publication of the international search report:**

16 April 2009

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US06/31484

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **F16C 11/00(2006.01)**

USPC: 403/135

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)  
U.S. : Please See Continuation Sheet

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM\_TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 7,217,056 B2 (COOPER) 15 May 2007 (15.05.2007)	I-17
A	US 3,264,006 A (DOWNS) 02 August 1966 (02.08.1966)	
A	US 2,356,351 A (PHILLIPS) 22 August 1944 (22.08.1944)	

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

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"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  
05 May 2008 (05.05.2008)

Date of mailing of the international search report  
**08 MAY 2008**

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Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
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**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/US06/31484

Continuation of B. FIELDS SEARCHED Item 1:

403/135, 136, 137, 138, 141, 142, 143, 144; 166/301; 294/86.1; 384/615; 29/898.04, 898.043, 898.07, 898.1, 898.11, 441.1