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(54) Title: A SCREW THREADED MEMBER

(57) Abstract: A collar and shaft combination comprises a shaft, a collar disposable on the shaft, means for restricting rotation of said collar relative to the shaft, and means for restricting reciprocal movement of said collar relative to the shaft. The collar will typically have a screw threaded thereon so as to provide a screw threaded member.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : B21H 3/02, 3/06, F16B 35/00, 37/12, B21D 39/04, B23P 6/00, 19/08 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) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU : IPC B21H 3/02, 3/06 (1975 – 2004), F16B 35/00, 37/12 (1920 – 2004), F1B 13/06, 13/12 (1920 – 2005), F16B 19/- (1920 – 1975), B21D 39/04, B23P 6/00, 19/08 (1975 – 2005) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI with keywords: screw, fastener, bolt, shaft, shank, rod, stud, thread, collar, sleeve, tube, socket, restrict, prevent, inhibit, rotate, reciprocate, collet, shoulder, abut, stop, step, reducing, decreasing, repair, worn, strip, replace, maintenance, change, rectify or similar terms.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6672811 B2 (SCHULTZ) 6 January 2004 Whole document	1 – 17
A	US 6382893 B1 (REED) 7 May 2002 Whole document	1 – 17
A	US 5131795 A (KOBUSCH) 21 July 1992 Whole document	1 – 17
A	US 4730968 A (DIPERSTEIN et al) 15 March 1988 Whole document	1 – 17
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
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INTERNATIONAL SEARCH REPORT

International application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4439078 A (DESSOUROUX) 27 March 1984 Whole document	1 - 17
X	AU 24215/71 (460704) B (PHILLIPS DRILL COMPANY, INC.) 13 July 1972 Page 3, lines 19 - 29	16, 17
X	WO 2002/024373 A2 (GENERAL ELECTRIC COMPANY) 28 March 2002 Page 6, lines 13 - 22, figs 1 and 2	16, 17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/001210

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US 6672811	AU 2003225208	EP 1507985	US 2003219325		
	US 2004071523	US 2005141982	WO 03100274		
US 6382893	AU 66565/01	BR 0111770	CA 2411984		
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	WO 0196751				
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	EP 0443134	JP 4211709			
US 4730968					
US 4439078	EP 0016669	FR 2451490			
AU 24215/71	NONE				
WO 2002/024373	AU 90953/01	BR 0114064	CA 2421555		
	CN 1466500	EP 1322437	MX PA03002379		
	US 6412160				

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