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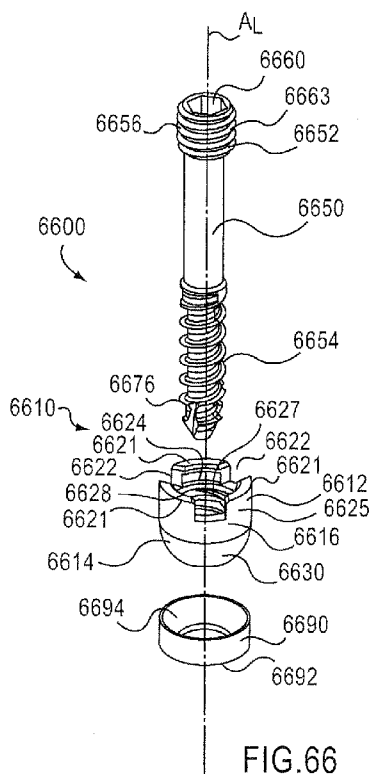
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(54) Title: APPARATUS FOR INSERTING FACET SCREWS



(57) Abstract: An apparatus includes a bone screw (5650), a nut (5610), and a washer (5690). The bone screw has a first threaded portion (5676), a second threaded portion (5663), and a recessed portion (5673) disposed between the first threaded portion and the second threaded portion. The first threaded portion is configured to be threaded into a bone tissue. The nut is threadedly coupled to the second threaded portion of the bone screw. The nut having a tool engagement portion (5625) and a seating portion (5630). The washer is disposed about the bone screw such that a first surface (5694) of the washer is disposed about the seating portion of the nut and a retention portion (5695) is disposed within the recessed portion of the bone screw. The washer is configured to rotate (QQ) about an axis substantially normal to a longitudinal axis (A) of the bone screw.



ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR),
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A. CLASSIFICATION OF SUBJECT MATTER

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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)

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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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	US 2009/192551 A1 (CIANFRANI JASON [US] ET AL) 30 July 2009 (2009-07-30) paragraphs [0022], [0026]; [0027], [0030], [0037], [0038]; figures 6-9, 12-14	1, 3-9
X	US 6 951 561 B2 (WARREN CHRISTOPHER [US] ET AL) 4 October 2005 (2005-10-04)	10-27
A	column 19, line 15 - column 20, line 48 column 21, line 3 - column 22, line 5 column 17, line 19 - column 18, line 53; figures 17A-C	-1
X	US 2004/106925 A1 (CULBERT BRAD S [US]) 3 June 2004 (2004-06-03)	10-21, 23-25, 27
A	paragraphs [0028] - [0036]; figures	1
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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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.
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A	US 2005/234459 A1 (FALAHEE MARK H [US] ET AL FALAHEE MARK H [US] ET AL) 20 October 2005 (2005-10-20) abstract; figures 2-12c -----	1,10,17, 24

INTERNATIONAL SEARCH REPORT

Information on patent family members

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