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(54) Title: SEMI-RIGID SCREW ASSEMBLY

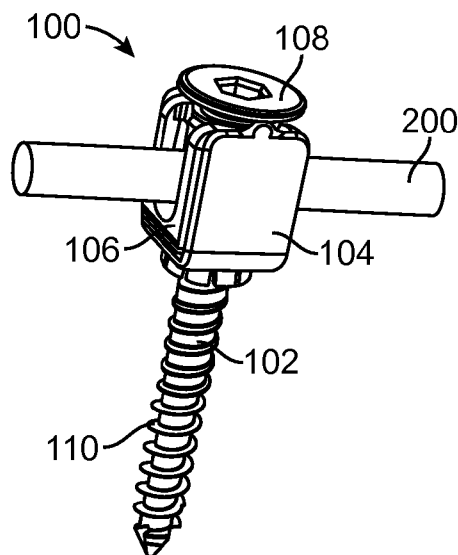


FIG. 1

(57) Abstract: A semi-rigid head for a bone screw comprising includes a first rigid portion, a second rigid portion, and a semi-rigid portion. The first rigid portion is configured to receive a fixation rod. The second rigid portion is configured for coupling with a bone screw. The semi-rigid portion links the first rigid portion with the second rigid portion.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/023845**A. CLASSIFICATION OF SUBJECT MATTER***A61B 17/86(2006.01)i, A61B 17/70(2006.01)i, A61B 17/84(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)

A61B 17/86; A61F 2/30; A61B 17/70

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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: head, rod, bone screw, flexible, movement, saddle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2010-0234891 A1 (FREEMAN, THOMAS B. et al.) 16 September 2010 See abstract; fig. 2; paragraphs 33-35, 38; claims 1, 5.	1-4,7,11-14,17 5-6,8-10,15-16 ,18-20
A	US 2006-0149241 A1 (RICHELSON, MARC et al.) 06 July 2006 See abstract; figs. 7, 8, 11; paragraphs 75-77; claims 1, 2.	1-20
A	US 2007-0055242 A1 (BAILLY, FRANK E.) 08 March 2007 See abstract; figs. 4D, 4E; paragraphs 31, 33, 40, 50; claims 1, 18.	1-20
A	US 2007-0270839 A1 (JEON, DONG M. et al.) 22 November 2007 See abstract; figs. 2, 5c; paragraphs 40, 41, 46, 47; claim 1.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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Information on patent family members

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