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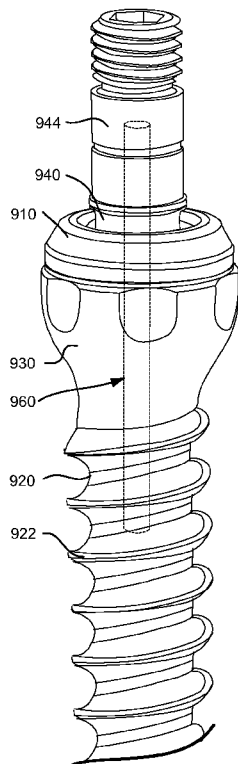
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[Continued on next page]

(54) Title: LOW PROFILE SPINAL PROSTHESIS INCORPORATING A BONE ANCHOR HAVING A DEFLECTABLE POST AND A COMPOUND SPINAL ROD

(57) Abstract: A bone anchor comprising a self-centering ball-joint suitable for use in a spine stabilization prosthesis which supports the spine while providing for the preservation of spinal motion. The bone anchor has a deflectable ball-rod partially received in a socket of a housing formed in the head of the bone anchor. A centering rod received partially in the ball-rod and partially within the housing operates to align the ball-rod with the longitudinal axis of the bone anchor. Deflection of the ball-rod bends the centering rod which in turn applies a restoring force upon the ball-rod.

FIG. 9B





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

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Minimum documentation searched (classification system followed by classification symbols)

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Korean utility models and applications for utility models

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eKOMPASS(KIPO internal) & Keywords: spinal, rod, socket, pocket, flexible, pin, screw

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 2009-0062868 A1 (SIMON CASUTT) 05 March 2009 See abstract; paras. 111-112; fig. 5.	11, 15-16 1-10, 12-14, 17-20
A	US 2006-0129147 A1 (LUTZ BIEDERMANN et al.) 15 June 2006 See abstract; paras. 47-50; figs. 4a, 8b.	1-20
A	US 2003-0073996 A1 (ROBERT L. DOUBLER et al.) 17 April 2003 See abstract; paras. 56-58; figs. 1-3.	1-20
A	US 2008-0287998 A1 (ROBERT L. DOUBLER et al.) 20 November 2008 See abstract; paras. 66-67; figs. 1-2.	1-20



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