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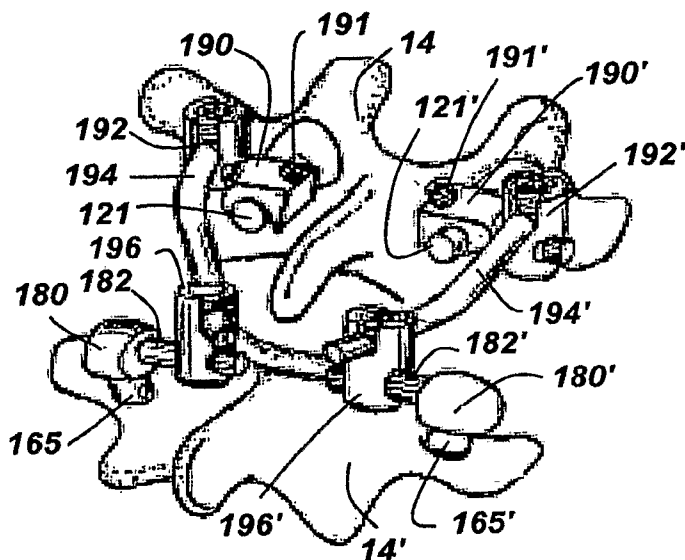
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(54) Title: ARTHROPLASTY REVISION SYSTEM AND METHOD



(57) Abstract: The invention provides a method of revising an implanted spinal device, such as an implanted arthroplasty device having a cephalad component fixed to a first vertebra and a caudal component fixed to a second vertebra inferior to the first vertebra. The method includes the following steps: removing a portion of a previously implanted spinal arthroplasty device; and attaching a revision component to a remaining portion of the previously implanted spinal arthroplasty device to alter a biomechanical characteristic of the implanted arthroplasty device. Another aspect of the invention provides a method of limiting motion between adjacent vertebrae including the steps of accessing an implanted spinal arthroplasty device comprising a cephalad component fixed to a first vertebra and a caudal component fixed to a second vertebra inferior to the first vertebra, the cephalad and caudal components having a range of motion between them, and attaching a revision component to the cephalad

and caudal components to reduce the range of motion. The invention also includes revision devices for revising the biomechanics of implanted spinal arthroplasty devices.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A61B 17/58(2006.01)**

 USPC: 606/248,279
 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. : 606/248,279

 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0143818 A1 (YUAN et al) 30 June 2005 (30.06.2005), see whole document, especially paragraphs [0133-0134].	1-44
A	US 6,610,091 B1 (REILEY) 26 April 2003 (26.04.2003), see whole document.	1-44

Further documents are listed in the continuation of Box C. See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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