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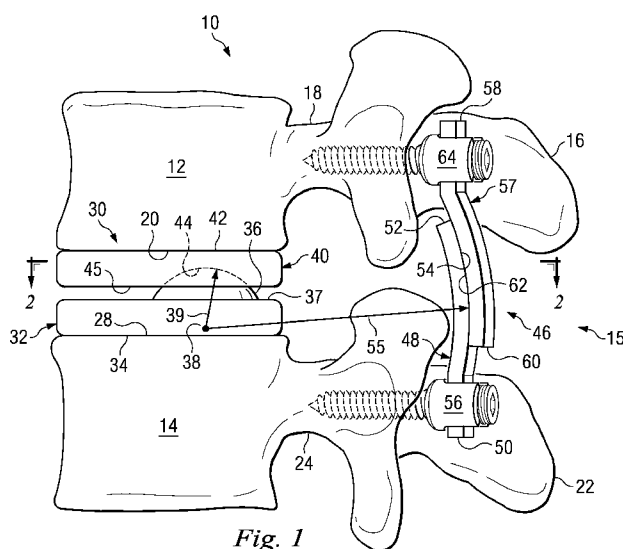
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(54) Title: SPINAL PROSTHESIS SYSTEMS



(57) Abstract: A spinal prosthesis system (15) includes: an anterior portion (30) having an upper component (40) and a lower component (32), the upper and lower components capable of relative movement about a first point (38); a posterior portion separate from the anterior portion, the posterior portion (46) having an upper portion (57) and a lower portion (48), the upper and lower portions capable of relative movement concentric to the upper and lower components about the first point. In another form, a method includes: determining a motion profile of a vertebral motion segment; determining a point of rotation based upon the motion profile; and manufacturing a spinal stabilization system having an anterior portion and a posterior portion, the anterior and posterior portions each having a center of rotation located at the point of rotation.

WO 2008/088990 A3

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|---|---|-----------------------|
| A. CLASSIFICATION OF SUBJECT MATTER INV. A61F2/44 A61B17/70 | | |
| 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) A61F A61B | | |
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| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| X | US 2006/265074 A1 (KRISHNA MANOJ [GB] ET AL) 23 November 2006 (2006-11-23) paragraphs [0068] - [0087], [0153], [0163] - [0183] | 1-10 |
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| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. | | |
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