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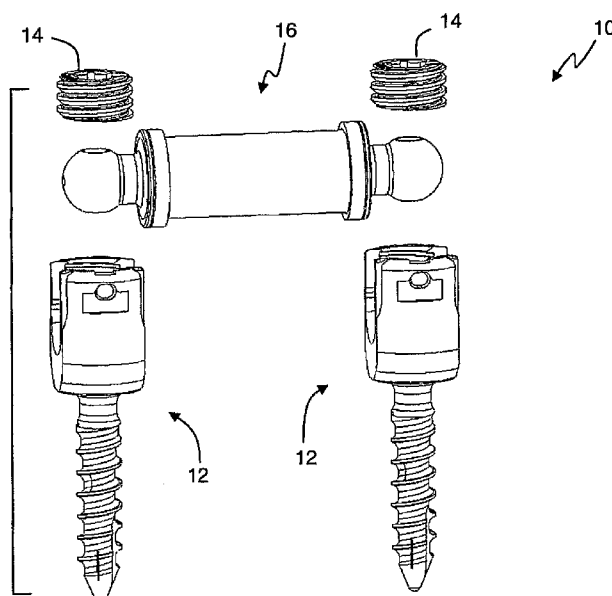
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[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR DYNAMIC SPINAL STABILIZATION



(57) Abstract: A dynamic stabilization system including a dynamic rod with a first and second coupler assemblies, a pre-tensioned central cord and a flexible bumper, which are coupled to the bony structures of the spine by way of pedicle screws for use in spinal fixation surgery.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61B 17/70(2006.01)

USPC: 606/61

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. : 606/61; 623/17.11-17.16

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 5,375,823 A (NAVAS) 27 December 1994 (27.12.1994), see Figure 4 and column 1, lines 36-57.	1-36
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Y		37-48
A	US 6,802,844 B2 (FERREE) 12 October 2004 (12.10.2004).	

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

* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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