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(54) Title: METHODS AND SYSTEMS FOR MONITORING AN ENDOPROSTHETIC IMPLANT

(57) Abstract: A prosthetic implant includes a graft having a wall defining a passage. A plurality of sensors are integrated with the graft. The sensors are configured to detect at least one structural characteristic of the graft. A power source is operatively coupled to the sensors and configured to provide power to the sensors.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61F 2/06(2006.01)

USPC: 623/1.15

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. : 623/1.15

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 2003/0229388 A1 (HAYASHI et al.) 11 December 2003 (11.12.2003), entire document.	1-21, 23, 25-27, 30, 31
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Y		-----
		22, 24, 28, 29
Y	US 6,764,446 (WOLINSKY et al.) 30 July 2004 (20.07.2004), entire document	22, 24, 28, 29
X	US 5,487,760 (VILLAFANA) 30 January 1996 (30.01.1996), entire document	32-36

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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