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(54) Title: INTERVETEBRAL DEVICES AND METHODS

(57) Abstract: An expandable device for spinal fusion or vertebral disc replacement that is inserted via a minimally invasive surgery approach and that is expanded inside the vertebral disc space. The device is configured to expand in at least one of a medial, a lateral, an anterior, a posterior, a superior and an inferior direction and to restrict further expansion of at least one of the medial, lateral, anterior and posterior direction after reaching a maximum allowing further expansion in superior or inferior direction.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61F 2/44 (2008.04)

USPC - 623/17.12

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)

IPC(8) - A61F 2/44 (2008.04)

USPC - 623/13.18, 17.11, 17.12, 17.13, 17.15, 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)

USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent, IP.com, DialogPro
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,733,533 B1 (LOZIER) 11 May 2004 (11.05.2004) entire document	1-11,13,15,16,18,19, 25-28,32-35,38,42-44 ----- 12,14,17,20-24,29,30,31, 36,39-41
Y	US 2004/0010315 A1 (SONG) 15 January 2004 (15.01.2004) entire document	20-23,37
Y	US 4,904,260 A (RAY et al) 27 February 1990 (27.02:1990) entire document	14,17,24
Y	US 5,571,189 A (KUSLICH) 05 November 1996 (05.11.1996) entire document	29
A	US 6,783,546 B2 (ZUCHERMAN et al) 31 August 2004 (31.08.2004) entire document	1-44
A	US 6,375,682 B1 (FLEISCHMANN et al) 23 April 2002 (23.04.2002) entire document	1-44
A	US 6,645,248 B2 (CASUTT) 11 November 2003 (11.11.2003) entire document	1-44
A	US 6,936,072 B2 (LAMBRECHT et al) 30 August 2005 (30.08.2005) entire document	1-44

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"&" document member of the same patent family

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