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11 October 2007

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/46435

<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC(8) - A61F 2/00 (2007.01)                  USPC 424/423                  According to International Patent Classification (IPC) or to both national classification and IPC</p>																
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols)                  IPC(8) - A61F 2/00 (2007.01)                  USPC - 424/423</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched                  IPC(8) - A61F 2/00 (2007.01)                  USPC - 424/423; 424/57; 424/484; 424/601; 424/602</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  USPTO - WEST - PGPB, USPT, EPAB, JPAB - terms: "calcium phosphate", "effervescent agent", "biocompatible cohesiveness agent", "physiologically acceptable fluid", "porosity", "compressive strength", "biologically active agent", "Ca/P molar ratio", "bone implant", "bone repair", query, search, refine</p>																
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X ---</td> <td rowspan="2">                     US 2005/0084542 A1 (ROSENBERG et al.) 21 April 2005 (21.04.2005), entire document, especially: abstract; para [0009]-[0014]; [0022]; [0031]; [0035]; [0039]; [0071]-[0073]; [0078]-[0079]; Claims 18-22 and 55-59.                 </td> <td>1-5, 8-13, 19, and 21-50</td> </tr> <tr> <td>Y</td> <td>6-7, 14-18, and 20</td> </tr> <tr> <td>Y</td> <td>                     US 2002/0187104 A1 (Li et al.) 12 December 2002 (12.12.2002), entire document, especially para [0025].                 </td> <td>6-7</td> </tr> <tr> <td>Y</td> <td>                     US 2003/0180344 A1 (WISE et al.) 25 September 2003 (25.09.2003), entire document, especially: para [0015]; [0031-0032].                 </td> <td>14-18 and 20</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X ---	US 2005/0084542 A1 (ROSENBERG et al.) 21 April 2005 (21.04.2005), entire document, especially: abstract; para [0009]-[0014]; [0022]; [0031]; [0035]; [0039]; [0071]-[0073]; [0078]-[0079]; Claims 18-22 and 55-59.	1-5, 8-13, 19, and 21-50	Y	6-7, 14-18, and 20	Y	US 2002/0187104 A1 (Li et al.) 12 December 2002 (12.12.2002), entire document, especially para [0025].	6-7	Y	US 2003/0180344 A1 (WISE et al.) 25 September 2003 (25.09.2003), entire document, especially: para [0015]; [0031-0032].	14-18 and 20
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<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"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 but 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	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"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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<p>Date of the actual completion of the international search                  13 April 2007 (13.04.2007)</p>		<p>Date of mailing of the international search report  <b>20 AUG 2007</b></p>														
<p>Name and mailing address of the ISA/US                  Mail Stop PCT, Attn: ISA/US, Commissioner for Patents                  P.O. Box 1450, Alexandria, Virginia 22313-1450                  Facsimile No. 571-273-3201</p>		<p>Authorized officer:                  Lee W. Young                  PCT Helpdesk: 571-272-4300                  PCT OSP: 571-272-7774</p>														