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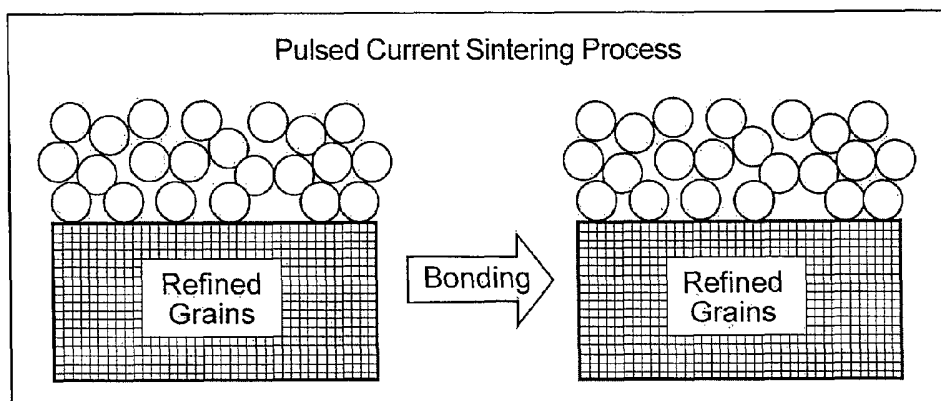
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(54) Title: PULSED CURRENT SINTERING FOR SURFACES OF MEDICAL IMPLANTS



(57) Abstract: A porous medical implant and a method of making same is described. The medical implant comprises a porous surface formed by application of pulsed electrical energy in such a way as to cause a localized heating in the surface of the material comprising portions of the implant. The method comprises a pulsed current sintering technique.

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INTERNATIONAL SEARCH REPORT

national application No

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
A61L

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 035 230 A (BRISTOL-MYERS SQUIBB COMPANY) 13 September 2000 (2000-09-13) page 2, paragraph 8 - page 3, paragraph 12 claim 1 -----	1-57
A	US 4 073 999 A (BRYAN ET AL) 14 February 1978 (1978-02-14) claim 1 -----	1-57
A	US 6 132 674 A (COMPTON ET AL) 17 October 2000 (2000-10-17) column 1, line 66 - column 2, line 49 -----	1-57
A	DE 100 22 162 A1 (DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V) 22 November 2001 (2001-11-22) claim 1 -----	1-57

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

☒ See patent family annex.

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Information on patent family members

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