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(54) Title: BONE ENHANCING COMPOSITE

(57) Abstract: A bone-enhancing composite material comprising synthetic apatite and at least one supplementary bioactive agent selected from a biocompatible polymer and anti-resorption agent added *ab initio*, methods of preparing said composite and uses thereof are provided. The physical and biological properties of the composite are controlled by the addition of specific supplementary bioactive agents as well as optional therapeutic agents. The composite may be used as a powder, a paste or an implant.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 2/28

US CL : 523/114, 115: 424/426

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. : 523/114, 115: 424/426

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.
A	US 5, 770, 229 A (TANIHARA et al) 23 JUNE 1998, see entire document	1-71



Further documents are listed in the continuation of Box C.



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