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(54) Title: COMPOSITE MATERIALS CONTAINING CARBON NANOPARTICLES

(57) Abstract: The present invention relates to a process of producing composite materials by a sol/gel-process, comprising carbon nanoparticles and organic polymer material. The invention further relates to composite materials, which are manufactured with the use of said sol/gel technology.

INTERNATIONAL SEARCH REPORT

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CLASSIFICATION OF SUBJECT MATTER C08K9/06 C09C1/44 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) C08K C09C C08J 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 C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 1 439 248 A (FUJI XEROX CO., LTD) 1,3,7, 21 July 2004 (2004-07-21) 13-15, 21-24 claims 1,5-7page 5, column 7, paragraph 32 page 13, column 13, paragraph 66 WO 02/088025 A (NEW YORK UNIVERSITY; SUN, X 1,3, YI; WILSON, STEPHEN) 13-15. 7 November 2002 (2002-11-07) 17,20 claims 10,12,13,20 US 6 187 823 B1 (HADDON ROBERT C ET AL) Α 1 13 February 2001 (2001-02-13) claim 1 column 8, line 22 - line 32 X Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "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 "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "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 "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such documents, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 7 July 2006 14/07/2006 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Niaounakis, M

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