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(54) Title: ARTICLES OF PEPTIDE NANOSTRUCTURES AND METHOD OF FORMING THE SAME

(57) Abstract: A method of forming a fiber made of peptide nanostructures is disclosed. The method comprises: providing peptide nanostructures in solution, and fiberizing the solution thereby forming at least one fiber of the peptide nanostructures. Also disclosed are methods of forming films and other articles using the peptide nanostructures.

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER
IPC: **A61K 38/00**(2006.01)

USPC: 514/12
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)
U.S. : 514/12

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)
EAST STN

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	Lazaris et al. Spider Silk Fibers Spun from Soluble Recombinant Silk Produced in Mammalian Cells. Science, 2002. Vol. 295, pages 472,- 476. See entire document, e.g., pages 474-475.	1,3 ---------- 2, 4-8
Y	US 2005/0069950 A1 (HAYNIE) 31 March 2005 (31.03.2005). See entire document, e.g., pages 1-16 and claims.	9-64
X --- Y	US 7045537 B1 (WOOLFSON et al) 16 May 2006 (16.05.2006). See entire document, e.g., columns 1-16 and claims.	1, 3 ---------- 2, 4-64

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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