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(71) Applicants: PROTEIN SPECIALTIES, LTD. [CA/CA]; 33 Harbour Square #2018, Toronto, Ontario M5J 2G2 (CA). THE HOSPITAL FOR SICK CHILDREN [CA/CA]; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).

(72) Inventors: ROTHSTEIN, Aser; Apartment 2018, 33 Harbour Square, Toronto, Ontario M5J 2G2 (CA). KEELEY, Fred, W.; 17 Minton Place, Toronto, Ontario M4K 3X7 (CA). ROTHSTEIN, Steven, J.; 15 Fieldstone Road, Guelph, Ontario N1L 1A5 (CA).

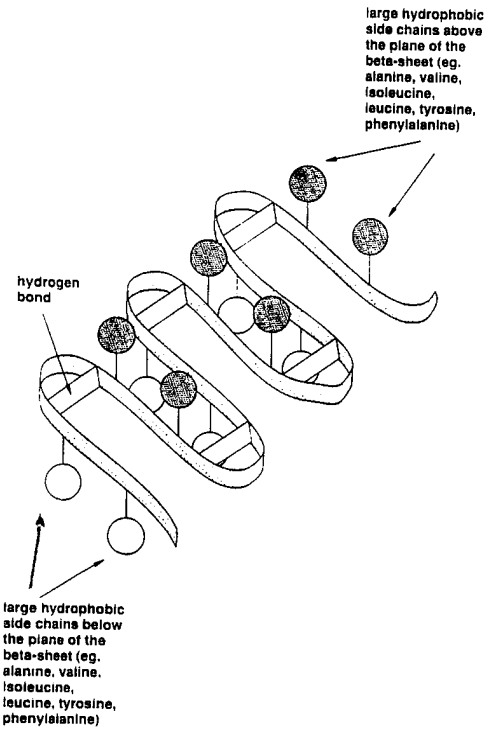
(74) Agents: COTE, France et al.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

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(57) Abstract

A polypeptide is provided that has a secondary structure characterized by at least three beta-sheet/beta-turn structures, and that is not a naturally occurring fibrous protein. Such polypeptides, illustrated by one modeled on elastin, are useful in prosthesis.

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INTERNATIONAL SEARCH REPORT

Intern. ial Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C07K14/78 C07K14/435 C07K14/00 A61L27/00 A61K7/00

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)
IPC 6 C07K A61L A61K

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94 14958 A (THE UNIVERSITY OF SYDNEY) 7 July 1994 see page 4, line 11 - page 5, line 15 see page 28 - page 33 ---	1-5,7,8, 17-19,26
X	WO 88 03533 A (SYNTRO CORP) 19 May 1988 see page 3, line 21 - page 4, line 5 see page 10, line 33 - page 13, line 12 ---	1-3,22, 24
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[X] Further documents are listed in the continuation of box C.

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1

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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	De Kok, A

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