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(54) Title: DEVICE PROVIDING REGULATED GROWTH FACTOR DELIVERY FOR THE REGENERATION OF PERIPHERAL NERVES

(57) Abstract: The present invention relates to compositions and methods for the stimulation of nerve cell growth and the regeneration of nerve tissue. Using engineered "helper" cells and nerve growth conduits, *in vivo* stimulation of nerve cell growth, for example, in damaged or diseased tissues, is achieved.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61B17/11		
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 7 A61B		
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, BIOSIS, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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E	WO 01 54593 A (GEN HOSPITAL CORP ;HADLOCK THERESA A (US); MASSACHUSETTS EYE & EAR) 2 August 2001 (2001-08-02) p. 6, line 12 - p. 7, line 10, p. 8, lines 11 - 18, p. 9, lines 3 - 19 ---	1-46
X	US 5 656 605 A (HANSSON HANS-ARNE ET AL) 12 August 1997 (1997-08-12) column Y abstract, col. 2, line 42 - col. 3, line 22, col. 4, lines 23 - 31, col. 4, line 60 - col. 5, line 7 --- -/--	1-46
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
<input checked="" type="checkbox"/> Patent family members are listed in annex.		
° Special categories of cited documents :		
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 filing date *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) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *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 invention *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 *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
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Name and mailing address of the ISA 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		Authorized officer Hoese1, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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