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(54) Title: FUSION PROTEINS FOR THE TREATMENT OF CNS

(57) Abstract: This disclosure relates to compositions capable of use in the treatment of spinal cord injuries and related disorders of the central nervous system (CNS), and in particular, compositions including proteoglycan degrading molecules and compositions capable of blocking and/or over coming the activity of neuronal growth inhibitory molecules, as well as fusion proteins which includes a proteoglycan degrading domain and a domain capable of blocking and or over coming the activity of neuronal growth inhibitory molecules.
# INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

**IPC:**
C12P 21/06(2006.01)

**USPC:**
435/69.1

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.: 435/69.1

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)
Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
<tr>
<td>X</td>
<td>ZUO et al. Regeneration of Axons after Nerve Transection Repair is Enhanced by Degredation of Chondroitin Sulfate Proteoglycan. Experimental Neurology. 2002, Vol. 176, pages 221-228, esp. p. 222, left column, under Surgical Procedures; p. 223, whole page; p. 227, left column, last paragraph.</td>
<td>24-45</td>
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☐ Further documents are listed in the continuation of Box C.  ☑ See patent family annex.

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<th>Special categories of cited documents:</th>
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<td>&quot;T&quot;</td>
<td>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</td>
</tr>
<tr>
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<td>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</td>
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<tr>
<td>&quot;Y&quot;</td>
<td>documents 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</td>
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Date of the actual completion of the international search: 06 June 2006 (06.06.2006)

Date of mailing of the international search report: 29 JUN 2006

Name and mailing address of the ISA/US

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Form PCT/ISA/310 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
STN; MEDLINE; WEST
search terms: chondroitinase, L1, GGF2, NgR, fusion or dimer