Title: LIPOSOMAL HGH COMPOSITION AND METHOD FOR ADMINISTRATION THEREOF

Abstract: A composition and method for oral administration of recombinant human growth hormone. The hormone is administered encapsulated in liposomes which enable the hormone to avoid degradation in the stomach or gut.
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/19880

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : A61K 38/27; C07K 14/61
US CL. : 514/12; 530/399

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; 530/399

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>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5,665,700 A (CHO et al) 09 September 1997 (09.09.1997), column 16, lines 10-40, column 19, line 10 to column 20, line 46, column 25, line 14 to column 27, line 8.</td>
<td>1-6</td>
</tr>
<tr>
<td>X</td>
<td>US 5,549,910 A (SZOKA, Jr.) 27 August 1996 (27.08.1996), column 4, lines 10-11, column 6, lines 7-20 and lines 28-33, column 16, line 56 to column 17, line 5.</td>
<td>1-6</td>
</tr>
<tr>
<td>X</td>
<td>US 6,305,433 B1 (ANDERSSON et al) 23 October 2001 (23.10.2001), see claims 1, 9-11, 14-15, and column 2, line 56.</td>
<td>1-6</td>
</tr>
</tbody>
</table>

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

Date of the actual completion of the international search
08 June 2004 (08.06.2004)

Date of mailing of the international search report
16 JUN 2004

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Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of B. FIELDS SEARCHED Item 3:
WEST, MEDLINE
search terms: human growth hormone, hGH, liposome(s), cholesterol, diposphatidylcholine, DPPC