Title: NANOPARTICLES FOR TREATING TARGETED TISSUES AND CELLS

Abstract: Nanoparticles made from a select group of lipids and optionally containing a therapeutically active agent are employed in pharmaceutical compositions for delivery to targeted tissues and/or cells for the treatment or diagnosis of such diseases as cancer.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 9/00, 9/51
US CL : 424/400, 489, 502

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. : 424/400, 489, 502

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>Y</td>
<td>US 5,213,788 A (RANNEY, D.) 25 May 1993 (23.05.1993) see entire document</td>
<td>1-35</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,106,866 A (RANNEY, D.) 22 August 2000 (22.08.2000) see entire document</td>
<td>1-35</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family 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 application or patent published on or after the international filing date

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*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

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& document member of the same patent family

Date of the actual completion of the international search 03 November 2002 (03.11.2002)

Date of mailing of the international search report 04 DEC 2002

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks

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Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of Item 4 of the first sheet:
The title does not meet the requirements of PCT Rule 4.3 because it is too long. The new title is Nanoparticles for Treating Targeted Tissues and Cells.

Continuation of B. FIELDS SEARCHED Item 3:
WEST 2.1, search terms: nanoparticles, nanoparticles not gas, target? tissue, detergent, lipid, micron, tricaprin, trilaurin, trimyristin, tripalmitin, tristearin, sofastan, glycerol, monostearate, glycerolbehenate, glycerolpalmitostearate, cetlylalmitate, decanoic acid, behenic acid, acidin 12, shorr.in., rodriguez.in.