Title: STABLE TOPICAL DRUG DELIVERY COMPOSITIONS

Abstract: A stable composition of a drug comprising a carrier having a phosphatidylcholine component which entraps the drug is applied to the skin for transdermal delivery of the drug.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

<table>
<thead>
<tr>
<th>IPC(7)</th>
<th>A61F 13/00</th>
</tr>
</thead>
<tbody>
<tr>
<td>US CL</td>
<td>424/449, 443</td>
</tr>
</tbody>
</table>

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. | 424/449, 443 |

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 5,858,398 A (CHO) 12 January 1999, abstract; col.11, lines 19-35; col.13, lines 1-6, 30-38; col.15, lines 15-21; col.18, lines 6-10.</td>
<td>1-53</td>
</tr>
<tr>
<td>X</td>
<td>US 6,165,500 A (CEVC) 26 December 2000, abstract; col.4, lines 57-65; col.5, lines 1-21; col.6, line 54; col.52, lines 47-67.</td>
<td>1-53</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
20 April 2004 (20.04.2004)

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 872-9306

Date of mailing of the international search report 05 AUG 2004

Authorized officer
Chief
Telephone No. (571) 272-1600

Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of B. FIELDS SEARCHED Item 3:
WEST, All Databases
Search terms: transdermal, insulin, phosphatidylycholine, glycol, surfactant