Title: ALCOHOL-FREE TRANSDERMAL INSULIN COMPOSITION AND PROCESSES FOR MANUFACTURE AND USE THEREOF

Abstract: The instant invention is directed toward a dermal delivery system composition comprising an aqueous base vehicle including American Emu oil, Isopropyl Palmitate (PROTACHEM IPP), PEG-8 (a polyethylene glycol available under the tradename PROTACHEM 400), methylsulfonylmethane (MSM) and SEPIGEL 305 (a combination including polyacrylamide/C₁₃-C₁₄ Iso-paraffin and LAURETH 7, in combination with a therapeutically effective amount of at least one species of insulin, and to processes for the manufacture and use thereof.
INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/11056

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : A61K 35/00
   US CL : 435/6; 530/303; 514/3
   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. : 435/6; 530/303; 514/3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of data base and, where practicable, search terms used)
west and STN

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>US 6,730,001 A (Chen et al) 13 April 2004 (13.04.2004), columns 6, 11, 17 and claims 8, 15 and 19</td>
<td>1-4</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
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Date of the actual completion of the international search: 21 December 2004 (21.12.2004)

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See patent family annex.

Date of mailing of the international search report: 14 JAN 2005

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