METHODS AND APPARATUS FOR IMPROVED ADMINISTRATION OF ANALGESICS

Methods and apparatus for improving administration of drugs through the use of heat and other physical means. The present invention relates to the use of heat and other physical means in conjunction with specially designed dermal drug delivery systems, conventional commercial dermal drug delivery systems, or drugs delivered into a sub-skin depot site via injection and other methods to alter, mainly increase, the drug release rate from the dermal drug delivery systems or the depot sites to accommodate certain clinical needs.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : A61K 9/70, 7/00 A61F 13/00
   US CL. : 424/449,401
   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. : 424/449,401

   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 practical, search terms used)
   WEST, MEDLINE

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 4,963,360 A (ARGAUD) 16 October 1990 (16.10.1990), see whole document.</td>
<td>1-21</td>
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   Special categories of cited documents:
   *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
   29 January 2003 (29.01.2003)

Date of mailing of the international search report
   06 JUN 2003

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