Title: ANTI-INFECTIVE COMPOSITIONS FOR Treating DISORDERED TISSUE SUCH AS COLD SORES

Abstract: The present invention relates to treating disordered epithelial tissues such as cold sores and other complications resulting from disorders such as herpes, and the like. The compositions combine an anti-infective and/or antimicrobial active agent in a carrier. Systems are then used to vigorously agitate the disordered epithelial tissue while topically applying the treatment composition such that the disordered epithelial tissue improves in a clinically discernable manner. The preferred anti-infective and/or antimicrobial active agent is an organohalide such as a quaternary ammonium compound, preferably benzalkonium chloride. The inventive compositions may be used also in connection with a preferred applicator configuration.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/155, 31/045
US CL : 514/634, 724

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. : 514/634, 724

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

none

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

cas-online

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 4,262,007 A (SHERRILL) 14 April 1981, see the entire document.</td>
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Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search: 22 OCTOBER 2000

Date of mailing of the international search report: 20 NOV 2000

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