Title: PROCESS FOR CRYSTALLIZING LACTOSE PARTICLES FOR USE IN PHARMACEUTICAL FORMULATIONS

Abstract: A process for producing a plurality of lactose particles comprises subjecting a plurality of lactose particles, to conditions such that at least a portion of smaller lactose particles detach from the plurality of the lactose particles and disperse in the liquid medium; subjecting the liquid medium to conditions sufficient to cause crystallization to occur on the smaller lactose particle surfaces to form larger lactose particles; and subjecting the liquid medium to conditions such that at least a portion of the lactose particles smaller relative to the plurality of larger lactose particles are dissolved in the liquid medium, wherein crystallization occurs on the plurality of larger lactose particles.
as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
— of inventorship (Rule 4.17(iv))

Published:
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(8): A61K 31/715(2006.01); C13K 5/00(2006.01); 7/00(2006.01); C07H 1/00(2006.01)

   USPC: 514/53; 536/123.13, 124; 127/31
   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.: 514/53; 536/123.13, 124; 127/31

   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 database and, where practicable, search terms used)
   EAST

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 3,639,170 A (HUTTON et al) 01 February 1972, column 3, 1st paragraph.</td>
<td>1-36</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,254,330 A (GRANDERTON et al) 19 October 1993, see entire document.</td>
<td>1-36</td>
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</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

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