Title: METHOD OF CRYSTALLIZING AND PURIFYING ALKYL GALLATES

Abstract: A method for crystallizing and purifying alkyl gallates formed by esterification of gallic acid. A brine solution is added to the reaction mixture of the alkyl gallate. The treated mixture is then separated, and the fraction of the reaction mixture containing the alkyl gallate is reserved. An alkane solvent, preferably petroleum ether, is added to the separated fraction. The reaction mixture is then cooled to produce crystals of the desired alkyl gallate. The crystals may be further recrystallized and washed to improve their purity.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(?) : G03C 60/90
US CL : 560/188
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. : 560/188

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)
STN CAS FILE REG, FILE CA, FILE U.S. PATFULL

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>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>Database CA on STN, AN 134:326316, 03 MAY 2001 (Columbus, OH, USA) SAS. B. et al. &quot;Process for preparation of alkyl gallates' WO 2001030299.</td>
<td>1-13</td>
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</tbody>
</table>

Date of the actual completion of the international search
08 AUGUST 2001

Date of mailing of the international search report
16 NOV 2001

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