Gamma Irradiation of Dried and Powder PPF

Nonreduced, 12.5%  Reduced, 12.5%

0 kGy 45 kGy 45 kGy 0 kGy 45 kGy 45 kGy
Dried PPF Powder PPF Dried PPF Powder PPF
2% Moisture 9% Moisture 2% Moisture 9% Moisture

Abstract: Methods are disclosed for sterilizing preparations containing albumin to reduce the level of one or more active biological contaminants or pathogens therein, such as viruses, bacteria (including inter- and intracellular bacteria, such as mycoplasmas, ureaplasmas, nanobacteria, chlamydia, rickettsias), yeasts, molds, fungi, prions or similar agents responsible, alone or in combination, for TSEs and/or single or multicellular parasites. These methods involve sterilizing preparations containing albumin, such as plasma protein fractions, with irradiation.
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report: 17 July 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:
— with international search report
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

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<th>IPC(7)</th>
<th>A61L 2/08; A01N 1/02</th>
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<td>US CL</td>
<td>422/22, 23, 36; 435/2</td>
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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.: 422/22, 23, 36; 435/2

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)

E.A.S.T.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
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<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, Y</td>
<td>US 6,171,549 B1 (Kent) 09 January 2001 (09.01.2001), See entire document</td>
<td>1-57, 78-95</td>
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<td>58-77, 96, 97</td>
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<td>X, Y</td>
<td>US 5,418,130 A (Platz et al) 23 May 1995 (23.05.1995), See entire document</td>
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<td>Y</td>
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<td>Y</td>
<td>US 4,620,908 A (Van Duzer) 04 November 1986 (04.11.1986), See entire document</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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  "&" document member of the same patent family

Date of the actual completion of the international search: 18 October 2002 (18.10.2002)

Date of mailing of the international search report: 17 January 2003

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