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| <b>(51) International Patent Classification <sup>7</sup> :</b><br><b>A61K 31/715, A61P 7/08</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 00/33851</b><br><b>(43) International Publication Date:</b> 15 June 2000 (15.06.00)                                                                                                                                                                                                                                   |
| <b>(21) International Application Number:</b> PCT/US99/27456<br><b>(22) International Filing Date:</b> 18 November 1999 (18.11.99)<br><br><b>(30) Priority Data:</b><br>09/206,063      4 December 1998 (04.12.98)      US<br><br><b>(71) Applicant:</b> BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).<br><br><b>(72) Inventors:</b> NAGGI, Annamaria; Via Monte Nevoso, 32, I-32 Legnano (IT). PETRELLA, Enrico; Via Focherini, 4, I-41037 Mirandola (IT). TORRI, Giangiacomo; Via G. Colombo, 81/A, I-2 Milano (IT). CASU, Benito; Via G. Colombo, 81/A, I-2 Milano (IT).<br><br><b>(74) Agent:</b> MATTENSON, Charles; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US). |           | <b>(81) Designated States:</b> AU, BR, CA, CN, ID, IN, JP, KR, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).<br><br><b>Published</b><br><i>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| <b>(54) Title:</b> PERITONEAL DIALYSIS SOLUTION CONTAINING MODIFIED ICODEXTRINS<br><br><b>(57) Abstract</b><br><br>The present invention provides a peritoneal dialysis solution that contains heat stable osmotic agents such as D-glucitols, gluconic acids and alkylglycosides produced the reduction, oxidation or glycosylation of icodextrine respectively. As a result, osmotic agents that are stable under autoclaving or heat sterilization conditions are provided which reduces the amount of bioincompatible materials in the sterilized peritoneal dialysis solutions. Methods of preparing the D-glucitols, gluconic acids and alkylglycosides are disclosed.                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                           |