

United States Patent [19]

Carter

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[54] **PACKAGED PHARMACEUTICAL PRODUCT**

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[*] Notice: The portion of the term of this patent subsequent to Oct. 16, 2007 has been disclaimed.

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Related U.S. Application Data

[60] Continuation of Ser. No. 488,259, Mar. 23, 1990, Pat. No. 4,962,856, which is a division of Ser. No. 273,605, Nov. 21, 1988, Pat. No. 4,947,620, which is a continuation of Ser. No. 137,436, Dec. 23, 1987, Pat. No. 4,805,377.

[51] Int. Cl.⁵ B65D 65/38

[52] U.S. Cl. 206/439; 206/471

[58] Field of Search 206/439, 461, 425, 484.1, 206/471; 215/270; 53/425

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[57] **ABSTRACT**

A method of filling, sealing and sterilizing a pharmaceutical package including a polypropylene bottle containing a balanced salt solution includes the steps of filling each bottle to maximum capacity to exclude residual air, the introduction of a silicone rubber gasket into the bottle cap to absorb pressure and prevent leakage during a steam sterilization procedure, and the enclosure of the filled bottles in a blister pack before steam sterilizing. The blister packs have Tyvek™ lids and are placed blister-side-up during the sterilization process to eliminate deformation of the blister during sterilization. Maximum filling of the bottle with liquid and the substantial elimination of air prevents dimpling of the bottle.

9 Claims, 1 Drawing Sheet

