



(10) **Patent No.:** **US 8,534,281 B2**  
(45) **Date of Patent:** **\*Sep. 17, 2013**

- (56)
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- (57) **ABSTRACT**

- A manifold for use in a medicament dispenser device for the delivery of medicament powder from an open blister pocket of a blister pack comprises a body, the body defining a chimney having a chimney inlet and a chimney exit for directing airflow from said chimney inlet to the chimney exit; the body further defining a chamber having a chamber inlet and a chamber exit, wherein the chimney exit and the chamber inlet lie side-by-side each other such that when the open blister pocket of the blister pack is positioned adjacent thereto the airflow is directed from the chimney exit to the chamber inlet via the open blister pocket to entrain the medicament powder and enable transport thereof in the airflow from the chamber inlet to the chamber exit, and wherein one or more bleed holes are provided between the chimney and the chamber such that bleed airflow is able to be directed into the chamber to disruptively impact the airflow that transports the entrained medicament powder.

- 61 Claims, 28 Drawing Sheets**

- US 2008/0308102 A1 Dec. 18, 2008

- (30) **Foreign Application Priority Data**

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|---------------|------------|-----------|
| Dec. 12, 2005 | (GB) ..... | 0525237.4 |
| Nov. 23, 2006 | (GB) ..... | 0623405.8 |

- (51) Int. Cl.  
*A61M 16/00* (2006.01)

- (52) **U.S. Cl.**  
USPC ..... 128/203.15

- (58) **Field of Classification Search**  
USPC ..... 128/203.12, 200.24, 203.15, 203.21;  
221/69, 70, 71

See application file for complete search history.

