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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.

(54) Title: CONTAINER AND VALVE ASSEMBLY FOR STORING AND DISPENSING SUBSTANCES, AND RELATED METHOD

(57) Abstract: A container including a nozzle and body depending therefrom. The body is preferably tubular and defines an interior which retains a product to be dispensed. A cap engages the nozzle to prevent inadvertent release of the product. In order to dispense the product, the cap is removed and pressure is applied to the body and the nozzle allows release of the product. The nozzle releases the product without exposing the remaining product to the external atmosphere, thus the sterility of the interior of the body is maintained and the shelf life of the product is increased. The nozzle includes an inner body, coupled to the tubular body, surrounded by a flexible outer cover. A seam between the inner body and flexible outer cover forms a one-way release valve wherein a portion of the seam remains closed during dispensing the product.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25487

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65D 25/40

US CL : 222/494, 212

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. : 222/494, 213, 107, 2, 12

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)
NONE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, E	US 6,662,977 (GERBER ET AL.) 16 DECEMBER 2003; ENTIRE DOCUMENT	1-52
A	US 6,386,395 (LUNGHETTI) 14 MAY 2002; ENTIRE DOCUMENT	1-52

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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