Title: DISPENSER HAVING AIR TIGHT SPOUT

Abstract: A spout valve assembly, for a pump dispenser including a discharge head, is located within an opening in the discharge head for permitting outletting of liquid product and includes a spout valve retained within the discharge head opening by a retainer. The spout valve includes a slit at a first end thereof and an orifice at a second opposite end thereof. The slit includes slit lips directly engageable with and disengageable from each other to respectively define slit closed and opened configurations. The spout valve is made of a material for permitting opening of the slit under pressure from the liquid product for thereby allowing the liquid product to be discharged out through the slit when in the slit opened configuration, and for otherwise permitting closing of the slit to prevent the liquid product from being discharged through the slit when in the slit closed configuration.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC B65D 25/40 (2007.1)
   USPC 222/494
   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)
   IPC B65D 25/40 (2007.1)
   USPC 222/494
   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
   USPC 222/494, 566, 567, 569; Backward/forward citation searches

C. DOCUMENTS CONSIDERED TO BE RELEVANT
   Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.
   A  US 6,427,874 B2 (Brown et al.) 06 August 2002 (06.08.2002) whole document  1-19

* Special categories of cited documents:
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   “P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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“Z” document member of the same patent family

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