

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: B65D 37/00	A1	(11) International Publication Number: WO 97/37899 (43) International Publication Date: 16 October 1997 (16.10.97)
(21) International Application Number: PCT/US97/00507 (22) International Filing Date: 10 January 1997 (10.01.97) (30) Priority Data: 627,468 4 April 1996 (04.04.96) (71) Applicant: APTARGROUP, INC. [US/US]; 475 West/Terra Cotta, Crystal Lake, IL 60014 (US). (72) Inventors: GROSS, Richard; 122 Gamekeeper Court, Oconomowoc, WI 53066 (US). MUELLER, Bruce, M.; 4580 Danbury Drive, Brookfield, WI 53045 (US). (74) Agents: ODELL, Paul, M. et al.; Dressler, Goldsmith, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, Chicago, IL 60601 (US).		(81) Designated States: AU, BR, CA, CN, JP, KR, MX, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.
(54) Title: VALVE-CONTROLLED DISPENSING CLOSURE WITH DISPERSION BAFFLE (57) Abstract A closure (40) is provided for a container (42) having an opening (39). The closure (40) includes a base (50) for mounting to the container (42) around the opening (39). A dispensing valve (46) is disposed across the base (50) and defines an orifice (98) which opens to permit flow therethrough in response to increased pressure within the container (42) and closes to shut off flow therethrough upon removal of the increased pressure. A dispersion baffle (41) is included on the base (50) outwardly of the valve (46). The baffle (41) defines a plurality of dispensing apertures (124).		