

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 March 2007 (01.03.2007)

PCT

(10) International Publication Number
WO 2007/024196 A1

(51) International Patent Classification:
B65D 81/34 (2006.01) **B65D 51/16** (2006.01)
B65D 33/01 (2006.01)

(21) International Application Number:
PCT/SG2005/000381

(22) International Filing Date:
9 November 2005 (09.11.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI 20054012 26 August 2005 (26.08.2005) MY

(71) Applicant (for all designated States except US): **SIN SHENG KUANG (M) SDN BHD** [MY/MY]; 5887 Mak Mandin Industrial Estate, 13400 Butterworth, Penang (MY).

(71) Applicant (for US only): **PINTAS PTE LTD** [SG/SG]; No. 151 Chin Swee Road, #09-11/13 Manhattan House, Singapore 169876 (SG).

(72) Inventors; and

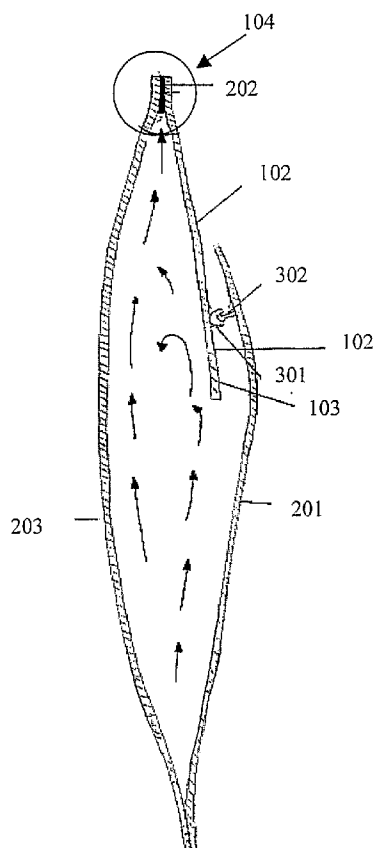
(75) Inventors/Applicants (for US only): **PHEE, Boon, Eow** [MY/MY]; 1 Lintang Molek, Bagan Ajam, 13000 Butterworth, Penang (MY). **PHEE, Boon, Chee** [MY/MY]; 5887 Mak Mandin Industrial Estate, 13400 Butterworth, Penang (MY).

(74) Agent: **CHOW WENG WENG**; No. 151, Chin Swee Road, #09-11/13, Manhattan House, Singapore 169876 (SG).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,

[Continued on next page]

(54) Title: A PACKAGING WITH IMPROVED RECLOSABLE OPENING



(57) Abstract: A packaging with improved reclosable opening is disclosed having a reclosable opening (101) for inserting object into the packaging, a diverting means (103) predisposed in such a manner and having a dimension sufficient to cover the reclosable opening to direct airflow away from the reclosable opening when there is an increase in internal air pressure. When increased internal air pressure has built up to a critical point, a weakened sealing (104) ruptures to allow air to vent through. The critical point is reached when the internal pressure is greater than external pressure to a sufficient extent to rupture the weakened sealing. The weakened sealing can be created by: a) using a heat sealing temperature which is lower than the sealing temperature used for forming the rest of the edge-to-edge sealing, b) having a designated sealing area smaller than the sealing area of the rest of the edge-to-edge sealing, c) forming a notch on part of the edge-to-edge sealing, d) disposing a film (202) between the front (102) and back (203) main packaging sheets on part of the edge- to-edge sealing, wherein the film is made of second material.

WO 2007/024196 A1



NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,

Published:

— *with international search report*

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.