

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 August 2001 (23.08.2001)

PCT

(10) International Publication Number
WO 01/60705 A3

(51) International Patent Classification⁷: **B65D 5/74**, 41/34

(21) International Application Number: PCT/US01/02307

(22) International Filing Date: 24 January 2001 (24.01.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/183,671 18 February 2000 (18.02.2000) US
00103429.7 25 February 2000 (25.02.2000) EP

(71) Applicant (for all designated States except US): **REXAM MEDICAL PACKAGING INC.** [US/US]; 3245 Kansas Road, Evansville, IN 47711 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JULIAN, Randall, K.** [US/US]; 8333 North Birch Drive, Newburgh, IN 47630 (US).

(74) Agents: **SALAZAR, John, F.** et al.; Middleton Reutlinger, 2500 Brown & Williamson Tower, Louisville, KY 40202 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

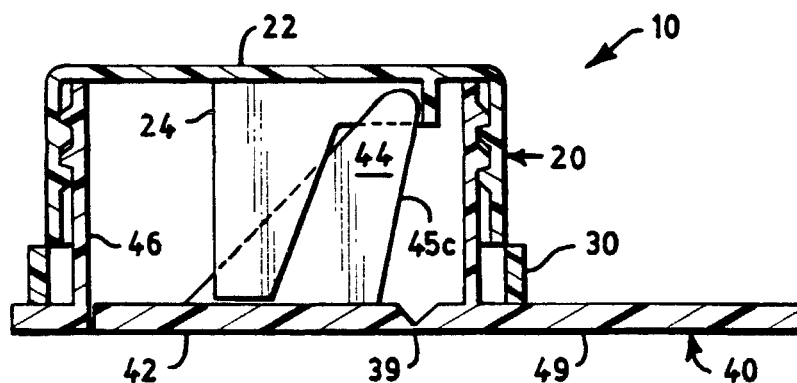
Published:

— with international search report

(88) Date of publication of the international search report:
18 April 2002

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: POURING SPOUT ATTACHMENT WITH AUTOMATIC OPENING FEATURE



(57) Abstract: An automatically opening pour spout fitment (10) to be applied to a container over location where the container wall has a weakened area. The automatically opening fitment (10) is comprised of a cap (20) which is threadably attached to the fitment (40) and which has a depending cam (24) extending downward from the top wall. The fitment (40) is comprised of an annular sidewall (46) which defines a pouring zone and which provides a boundary for a hinged flap (42). The flap (42) has an upwardly extending cam follower (44) which is engaged by the cam (24) of the cap (20) such that when the cap (20) is removed from the fitment (40), the cam (24) initially applies a horizontal force on the cam follower (44) to open the package to which the fitment is attached to.

WO 01/60705 A3