



(51) International Patent Classification:
B67D 3/00 (2006.01)

(21) International Application Number:
PCT/US2010/039738

(22) International Filing Date:
24 June 2010 (24.06.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
BR PI0902553-7 19 August 2009 (19.08.2009) BR

(71) Applicant (for all designated States except US): **ARCH CHEMICALS, INC.** [US/US]; 501 Merritt 7, P.O. Box 5204, Norwalk, CT 06856-5204 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ATTIE, Jorge, Luiz** [BR/BR]; Av. Jorge Joao Saad, 1001, Morumbi, Sao Paulo, Sp (BR). **GASPAROTTO, Marcus, Vinicius** [BR/BR]; Rua Bom Pastor 2071 - Ap. 156, Ipiranga, Sao Paulo (BR).

(74) Agent: **ANDERSON, Jay, H.**; Wiggin and Dana LLP, One Century Tower, New Haven, CT 06508-1832 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DISPENSING CAP FOR A CONTAINER

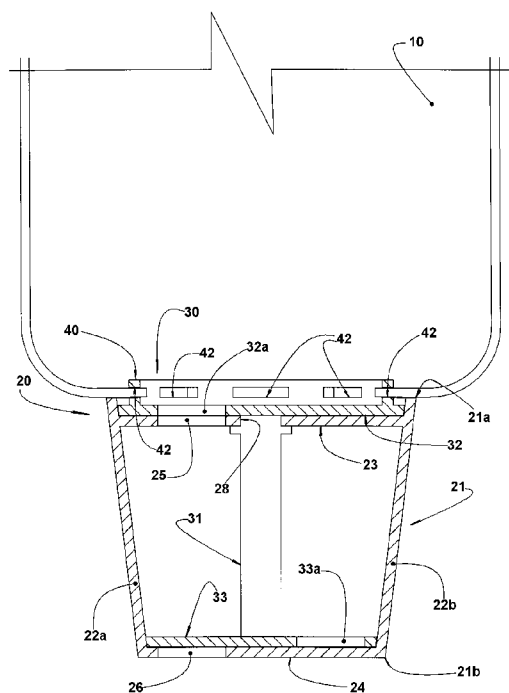


FIG. 4

(57) Abstract: A cap (20) is attached to a container (10) by means of a device (30) with first and second disks (32,33) mounted on opposite ends of a shaft (31), each disk having an opening (32a, 33a). A cover cup (21) is rotatably mounted on the shaft (31) of the device (30) and presents an interior wall (23), transversal and provided with an opening (25), and an end wall (24) with an opening (26), so that, with the container (10) being inverted, rotation of the cover cup (21) to a first position provokes alignment of the opening (25) of the interior wall (23) of the cover cup (21) with the opening (32a) of the first disk (32), permitting material to flow from the container (10) to the interior of the cover cup (21), and a subsequent rotation of the cover cup (21) to a second position aligns the opening of the second disk (33) with the opening (26) of the end wall (24) of the cover cup (21), to permit dispensing the material from the cover cup (21) to a place of use.

WO 2011/022118 A1



Published:

— *with international search report (Art. 21(3))*