



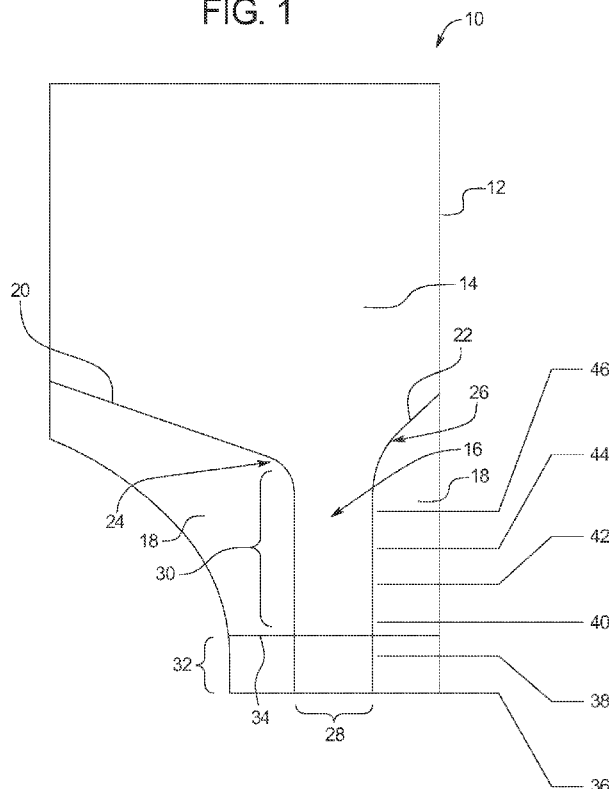
- (51) International Patent Classification:
B65D 75/30 (2006.01) *B65D 85/72* (2006.01)
B65D 75/58 (2006.01)
- (21) International Application Number: PCT/IB2013/050251
- (22) International Filing Date:
11 January 2013 (11.01.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/586,204 13 January 2012 (13.01.2012) US
61/592,048 30 January 2012 (30.01.2012) US
- (71) Applicant: NESTEC S.A. [CH/CH]; Avenue Nestle 55, CH-1800 Vevey (CH).
- (72) Inventors: HENTZEL, Stephane; Rue du lac, 6, CH-1462 Yvonand (CH). LONGSON, Barry; Ch. du Retet 14, CH-1803 Chardonne (CH). MONTARRAS, Marc; Chemin de Fantaisie 1B, CH-1009 Pully (CH).

- (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, BN, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, RS, 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: PACKAGING FOR CONSUMABLE PRODUCTS AND METHODS FOR USING SAME

FIG. 1



- (57) Abstract: Packages (10) for housing consumable products and methods of using same are provided. The packages (10) may be customized, functional packages that are designed to prevent accidental spillage or leakage of a flowable consumable product housed therein. In a general embodiment, flexible packages (10) are provided and include a body (12) defining a cavity (14) for housing a flowable product and a channel (16) for dispensing the flowable product from the cavity, wherein the channel (16) has a length that is from about two to about four times a width of the channel. In another embodiment, the channel (16) comprises a length-to-width ratio that is sufficient to prevent a liquid from leaking from the flexible package (10) without a force applied to the flexible package.

**Declarations under Rule 4.17:**

- *as to the identity of the inventor (Rule 4.17(i))*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *of inventorship (Rule 4.17(iv))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*