



(51) International Patent Classification:

B65B 11/00 (2006.01) **B65D 5/54** (2006.01)
B65B 11/48 (2006.01) **B65D 75/58** (2006.01)
B65D 85/10 (2006.01)

(21) International Application Number:

PCT/GB2009/051712

(22) International Filing Date:

14 December 2009 (14.12.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0823072.4 18 December 2008 (18.12.2008) GB

(71) Applicant (for all designated States except US): **INNOVIA FILMS LIMITED** [GB/GB]; Station Road, Wigton Cumbria CA7 9BG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FRIZELL, Barry** [GB/GB]; Station Road, Wigton Cumbria CA7 9BG (GB). **ZIMMERER, Wolfgang** [DE/GB]; Station Road, Wigton Cumbria CA7 9BG (GB). **FELL, John** [GB/GB]; Station Road, Wigton Cumbria CA7 9BG (GB).

(74) Agent: **W.P. THOMPSON & CO.**; 55 Drury Lane, London WC2B 5SQ (GB).

(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, 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, 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, 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).

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))

(54) Title: NAKED COLLATION PACKAGE

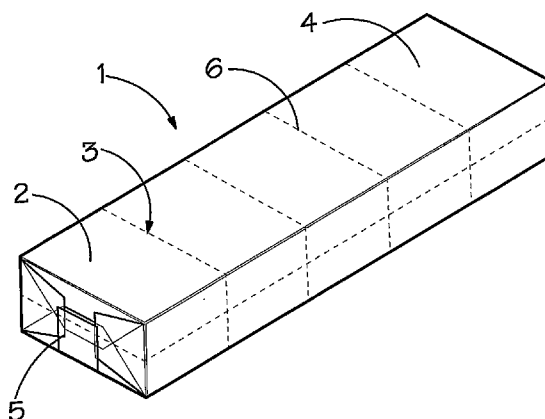


Fig.1.

(57) Abstract: A naked collation package (1, 21, 31, 41, 51) comprising a plurality of individual units (2, 32, 52) laid end-to-end or side-by-side to form a unit row comprising at least one interface (3, 33, 63) between a neighbouring pair of individual units in the unit row; the unit row being overwrapped with a sheet of polymeric film having a length and a width; the length of the sheet being sufficient to envelop the unit row with sufficient overlap between the ends of the sheet to provide an overlap region for providing a girth seal along at least part of the length of the unit row, the sheet being sealed to itself in that region to provide the girth seal; the width of the sheet being longer than the unit row to provide an envelope seal region in at least one end of the unit row, the sheet being folded and sealed to itself in that region to provide the envelope seal; or not substantially longer than the unit row; the sheet being provided along its length, or part or parts of it, with a line of weakness (6, 36, 56) positioned in substantial register with the interface.

