



(51) International Patent Classification:

B65D 71/00 (2006.01) B65B 21/06 (2006.01)

B65B 5/06 (2006.01) B65B 35/56 (2006.01)

(21) International Application Number:

PCT/SE2017/000026

(22) International Filing Date:

12 May 2017 (12.05.2017)

(25) Filing Language:

Swedish

(26) Publication Language:

English

(30) Priority Data:

1600161-2 12 May 2016 (12.05.2016) SE

(71) Applicant: PACNOVA AB [SE/SE]; Skogvaktaregatan 13, 602 08 Norrköping (SE).

(72) Inventor: EDQVIST, HåKAN; Skogvaktaregatan 13, s-602 8 Norrköping (SE).

(74) Agent: BJELKSTAM, Peter; Rådjursvägen 11, S-131 42 Nacka (SE).

(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- with amended claims (Art. 19(1))

Date of publication of the amended claims:

07 December 2017 (07.12.2017)

(54) Title: ASSEMBLY PACKAGE FOR GATHERING DIFFERENT PRODUCTS

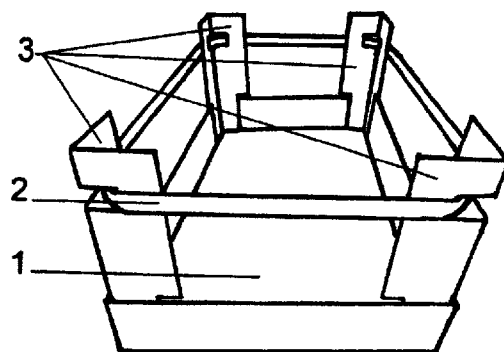


Fig. 1

(57) Abstract: A composite package with assembly on at least two levels, the first consisting of a tray for a number of product packages, the other assembling function consists of a tape and a device for creating these functions. A stable composite package is achieved with at least two assembly levels for the product packages where a device turns the product packages in a way that they are exposed to the buyer in the most favourable way. It can also create packages of different sizes and provide the packages with adequate information.



## AMENDED CLAIMS

received by the International Bureau on 05 November 2017 (05.11.2017)

1. A package for assembly of products packed in bottles, tins, cans, jars, carton capsules etc. , **characterized in** that the connection material forms corner support posts glued to the inside of a raised plate, replace a glued corner and that the height of said posts replace a glued corner, and that the height of the posts is adjusted to the product package content, and that the corner support has a notch for the tape in adequate height.
2. A package according to claim 1, **characterized in** that its assembling function is present in at least two levels, which partly consists of a bottom plate having upturned sides, which forms a plate (1), and partly of one or more horizontally tightened tapes (2) in combination with inter-connecting material (3) between the plate and tape, which consists, either totally of a material having less thickness than that of the plate or a ready-made compressed extension of the edge of the plate, which allows the tape to stay tight to the product packages in the compound package and by using thinner material in the connection material, this will also join the corners of the plate.
3. A package according to claim 2, **characterized in** that the outside bottom of the plate is provided with punches to achieve stability in a pile.
4. A package according to claim 1, **characterized in** that the products are orientated in the outer package, whereby the front side is visible to the buyer/consumer and this position has been made before placing of the products in the composite package
5. A device for production of a composite package according to any of the preceding claims, **characterized in** that the function, where all separate round product packages with décor on the whole product or part of it, are turned to a position, which shows a descriptive product décor element to a consumer and the keeping together of the package is achieved by the bottom plate of the composite package in combination with one or several tapes where the first is placed high up and a second one in another position on a product package to create the best possible stability.