

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
25 June 2020 (25.06.2020)



(10) International Publication Number
WO 2020/127149 A1

(51) International Patent Classification:

B29C 65/02 (2006.01) *B65D 85/804* (2006.01)
B29C 65/08 (2006.01) *B65D 77/20* (2006.01)
B29C 65/18 (2006.01) *B29C 65/36* (2006.01)
B29D 22/02 (2006.01) *B29C 51/14* (2006.01)
B29C 51/08 (2006.01) *B29C 51/26* (2006.01)
B65B 7/28 (2006.01)

(21) International Application Number:

PCT/EP2019/085488

(22) International Filing Date:

17 December 2019 (17.12.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

18213847.9 19 December 2018 (19.12.2018) EP

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(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, JO, 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,

(54) Title: MANUFACTURING PROCESS FOR PRODUCING HERMETIC SINGLE-USE FOOD CONTAINERS USING A SEALING HE/D HAVING A SPECIFIC PROFILE WITH A RIB

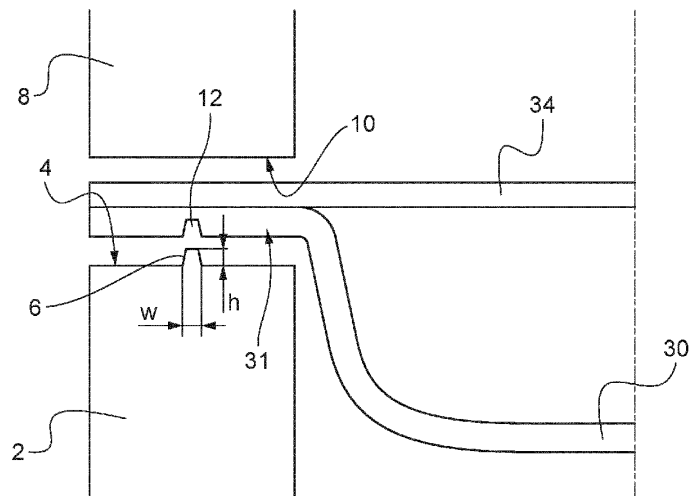


Fig.4

(57) Abstract: The invention concerns a manufacturing process for producing hermetic single-use food containers, including: forming a container body (30) having an peripheral rim (31), placing the container body in a sealing head having a first die (2) and a second die (8) having cooperating annular sealing surfaces (4, 10) facing the rim (31), sealing a closing lid (34) placed over the container body with the rim (31) by applying the first die (2) and the second die (8) one against the other. According to the invention, the first die (2) is provided with a continuous annular rib (6) in its sealing surface (4), the rib having a height (h) which is at least equal to a maximum depth of wrinkles that might appear on the rim upon forming the container body, whereby a sealing groove (12) is formed by the rib (6) in a side of the rim during the sealing.

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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).

Declarations under Rule 4.17:

- *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))*