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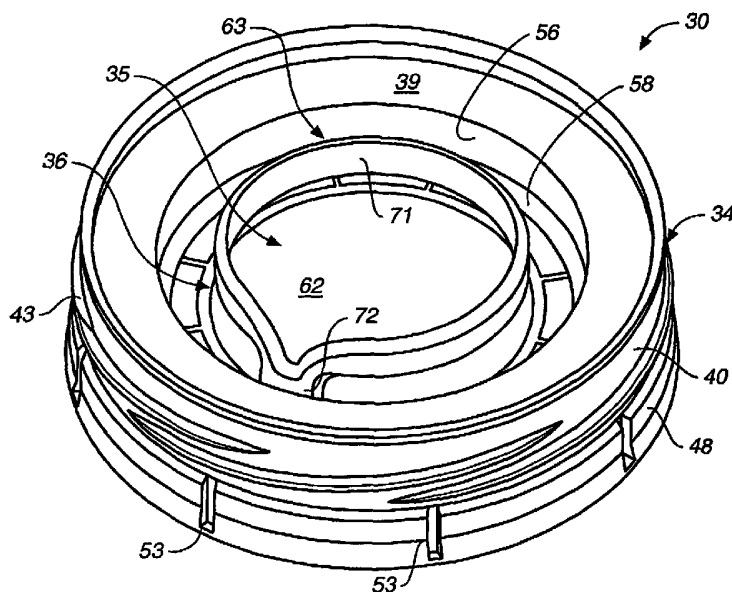
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[Continued on next page]

(54) Title: METHOD OF JOINING SEPARABLE COMPONENTS AND CONTAINER CLOSURE SYSTEM FORMED BY THE
SAME



(57) Abstract: A tamper-evidencing closure for a container including a first component having a first interlocking structure and a second, plastics injection molded component having a second interlocking structure molded in situ against the first interlocking structure. The second interlocking structure is complementary in shape to the first interlocking structure and is in mechanical interlocking engagement with the first interlocking structure. The mechanical interlocking engagement is releasable without fracture of at least one of the first and second interlocking structures. A method of using the tamper-evidencing closure is also disclosed.



CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65D 17/34; B29C 45/14

US CL : 220/254.7; 214/219

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 220/254.7,255.1,257.2,258.3; 214/219,255,259,260,261,266,267,328.1; 215/226,235,250,303,306; 222/153.07

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,755,360 A (ELLIOTT) 26 May 1998 (26.05.1998), see Abstract, col.4,line 63-col. 5,line 34	1-3, 5-7
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Y		4
X	US 5,957,315 A (KAITSUKA) 28 September 1999 (28.09.1999), col. 5, lines 23-35 and 42-65; col. 6, lines 2-47	25-32

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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