

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 December 2008 (24.12.2008)

PCT

(10) International Publication Number
WO 2008/156420 A1

(51) International Patent Classification:

B65D 55/08 (2006.01) **B65D 45/32** (2006.01)
B65D 45/30 (2006.01)

(21) International Application Number:

PCT/SE2008/050730

(22) International Filing Date: 18 June 2008 (18.06.2008)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:

0701528-2 20 June 2007 (20.06.2007) SE

(71) Applicant (for all designated States except US): **Emballator Ulricehamns Bleck AB** [SE/SE]; Box 8, S-SE-523 21 Ulricehamn (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JOHANSSON, Richard** [SE/SE]; Backgatan 2A, S-SE-341 39 Ljungby (SE). **HJALMARSSON, Thomas** [SE/SE]; Arrehagsvägen 19, S-SE-523 38 Ulricehamn (SE).

(74) Agent: **Albihns AB**; Box 142, S-SE-401 22 Göteborg (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, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report

(54) Title: CONTAINER IN THE FORM OF A SHEET-METAL CAN WITH SHEET-METAL LID

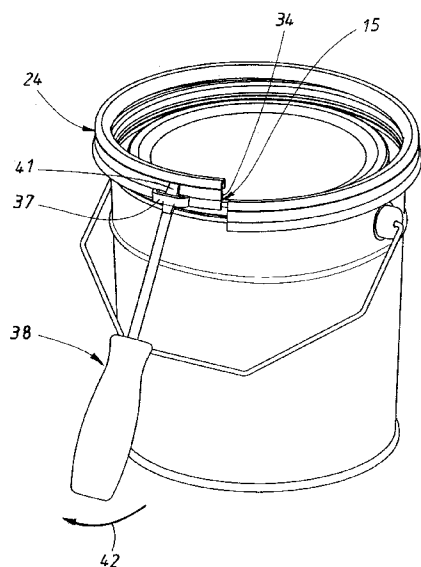


FIG. 3

(57) Abstract: A container in the form of a sheet-metal can with removable sheet-metal lid for the closure and exposure of a storage space for a goods item. The lid is secured against accidental opening by means of an elastic plastics locking ring (24), which is constructed as an annularly closed profile having a substantially U-shaped portion forming a downwardly open annular channel that encloses the circumferential edge portion of the lid and the opening edge portion of the can and secures the lid and with an annular bead (29) engages below a radially projecting portion (12) of the opening edge portion (6) of the can. The locking ring (24) has a weakening point (34), which can be broken open for opening of the container when the weakening point (34) is exposed to breaking forces exceeding a fixed maximum load in the handling of the container, and the locking ring has a point of engagement (37), situated in the proximity of the weakening point, for a breaking tool (38) so as to be able with a rocking motion to break open the locking ring at the weakening point, which normally is not visible to the eye. The point of engagement (37) for a breaking tool (38) is constituted

by a protrusion of the locking ring (24), situated on the outer side of the ring below the engagement bead of the ring. The protrusion extends close to the lower edge of the skirt and has an opening which is open at least in the downward direction.