

Search history

Search 1: VENTED BEVERAGE CAN AND CAN END (Results 5)

1) Family number: 48843543 (US2013126529A)

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Title: VENTED BEVERAGE CAN END

Abstract: Source: US2013126529A A beverage can end for seaming onto a can body may include a peripheral wall, a center panel, a tab attached to the center panel by a rivet (56), a tear panel (41b), a main reference line (RM), a transverse reference line (RT), and a score (31b). The score may include arcuate main score (31b) that defines a main portion of the tear panel (41b) and a score extension (32b) that defines a vent portion. The score may be configured such that actuation of the tab from its horizontal rest position to an intermediate position ruptures the main score portion (31b) to pivot the tear panel main portion (40b) about the hinge and further actuation of the tab by twisting from the intermediate position ruptures the score extension (32b).

Classifications:

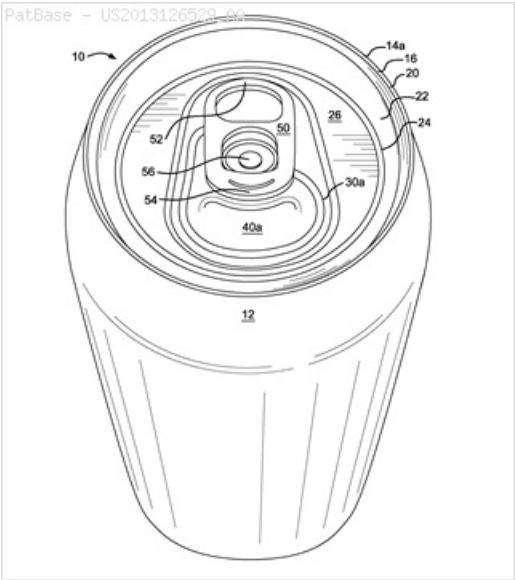
International (IPC 8-9): B21D24/00 B65D17/00 B65D17/34 B65D51/16 B67B7/00 (Advanced/Invention)

CPC: B65D51/1672 B21D24/00 B67B7/00 B65D17/165 B65D2517/0095

European: B65D17/16B2 L65D517/00Y8C

US: 220/271 413/69 53/492 D9/438

Locarno class: 09/07



Family:

Publication number	Publication date	Application number	Application date
BR112012010300 A2	20160329	BR20121110300	20101029
CA27777915 AA	20110505	CA20102777915	20101029
EP2493776 A1	20120905	EP20100776489	20101029
US2013126529 AA	20130523	US20100504285	20101029
US9561888 BB	20170207	US20100504285	20101029
USD650276 S1	20111213	US20110385513F	20110215
USD650277 S1	20111213	US20110385515F	20110215
USD650278 S1	20111213	US20110385519F	20110215
WO11053776 A1	20110505	WO2010US54698	20101029

Priority:

US20090256609P 20091030	US20100504285 20101029	US20110385515F 20110215
US20110385519F 20110215	US20110385513F 20110215	WO2010US54698 20101029

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): DVORAK JAN ; JOHNSON EZEKIAL ; JOHNSON EZEKIEL ; KEANE BRENDAN ; NESLING EMILY ; CROWN PACKAGING TECHNOLOGY INC

Assignee(s): DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS

Inventor(s): (std): DVORAK JAN ; JOHNSON EZEKIAL ; KEANE BRENDAN ; NESLING EMILY ; JOHNSON EZEKIEL

Inventor(s): BRENDAN KEANE ; JAN DVORAK ; EZEKIEL JOHNSON ; EMILY NESLING

Agent(s): FETHERSTONHAUGH AND CO; SMITH DEBRA JANE CLARE; BAKER AND HOSTETLER LLP; WOODCOCK WASHBURN LLP; FULLMER HAROLD D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

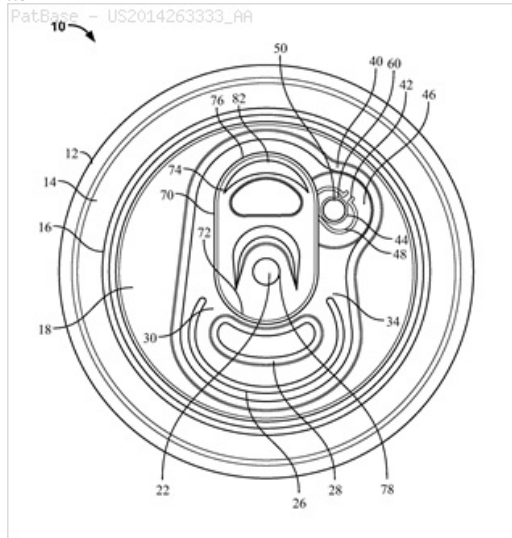
Title: VENTED BEVERAGE CAN AND CAN END**Abstract:** Source: US2014263333A A beverage can end has a vent that includes a button. The vent is actuated by downward force of a pull tab that is transmitted to the vent score through the button.**Classifications:****International (IPC 8-9):** B21D51/44 B65D17/00 B65D17/32

B65D51/16 (Advanced/Invention);

B65D17/00 B65D17/32 (Core/Invention)

CPC: B65D51/1683 B65D17/165 B65D51/1672 B65D2517/0014

B65D2517/0062 B65D2517/0082 B65D2517/0094

US: 1/1 220/271**Family:**

Publication number	Publication date	Application number	Application date
CA2905292 AA	20150910	CA20142905292	20140310
CN105473455 A	20160406	CN201480028150	20140310
EP2969794 A1	20160120	EP20140719891	20140310
JP2016518984 T2	20160630	JP20160500987T	20140310
MX2015012259 A1	20151201	MX20150012259	20140310
TH158320 A	20161129	TH20151005228	20140310
US2014263333 AA	20140918	US20130075622	20131108
US9403628 BB	20160802	US20130075622	20131108
WO14159208 A1	20141002	WO2014US22524	20140310

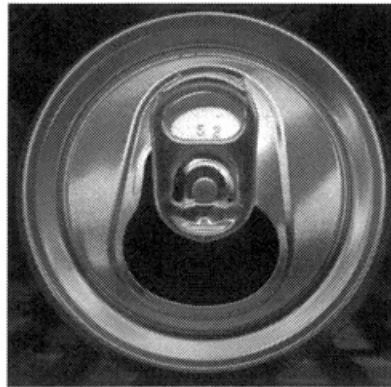
Priority:

US20130075622 20131108 US20130782316P 20130314 WO2014US22524 20140310

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC**Assignee(s):** (std): CROWN PACKAGING TECH INC ; CROWN PACKAGING TECHNOLOGY INC**Assignee(s):** DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS ; DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDAN**Inventor(s):** (std): KEANE BRENDA ; KEANE BRENDAN ; FIELDS BRIAN ; DOSHI VIVEK**Inventor(s):** VIVEK DOSHI ; BRENDA KEANE ; BRIAN FIELDS**Agent(s):** GOWLING LAFLEUR HENDERSON LLP; LIND ROBERT; INO SARI; NISHIJIMA TAKAKI; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; BAKER AND HOSTETLER LLP; FULLMER HAROLD H**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**Title:** VENTED BEVERAGE CAN END HAVING AN ANTI-TENSION SCORE**Abstract:** Source: US2016023801A A beverage can end for seaming onto a can body may include a peripheral wall, a center panel (26), a tab (attached to the center panel by a rivet (28), a tear panel (60), a main reference line (Rm), a transverse reference line (R1), and a score (30). The end includes an anti-fracture score (40) proximate a vent score (70). The center panel includes a recess (27), in which the main score, an anti-fracture score, and (optionally) the anti-tension score (50) are located. The score is configured such that lifting the tab from its horizontal rest position to an intermediate position ruptures the main score portion to pivot the tear panel main portion about the hinge (70) and a second lifting operation or twisting operation of the tab ruptures the main score extension (34).**Classifications:****International (IPC 8-9):** B65D17/00 B65D17/32 (Advanced/Invention)**CPC:** B65D2517/0082 B65D2517/008 B65D17/165 B65D17/24

B65D2517/0014 B65D2517/0062 B65D2517/0076 B65D2517/0095

US: 220/271

**Family:**

Publication number	Publication date	Application number	Application date
CN105228911 A	20160106	CN201480027504	20140310
EP2969798 A1	20160120	EP20140716106	20140310
US2016023801 AA	20160128	US20140773882	20140310
WO14150180 A1	20140925	WO2014US22502	20140310

Priority:

US20130781416P 20130314 US20140773882 20140310 WO2014US22502 20140310

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): CROWN PACKAGING TECHNOLOGY INC

Inventor(s): (std): KEANE BRENDAN

Agent(s): LIND ROBERT; FULLMER HAROLD H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 59496537 (USD731887S)

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Title: VENTED BEVERAGE CAN END

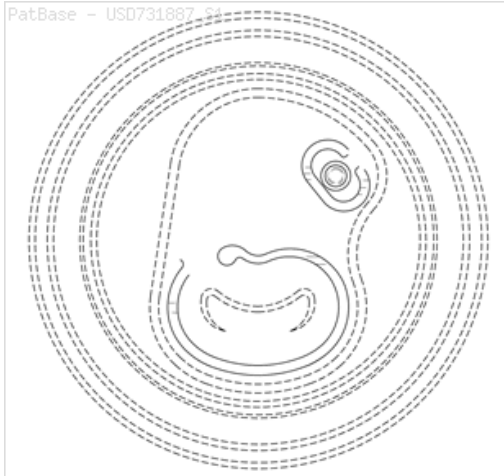
Abstract: Source: USD731887S [Source: Claim 1] We claim the ornamental design for a vented beverage can end, as shown and described.

Classifications:

US: D9/438

Locarno class: 09/07

PatBase - USD731887_S1

**Family:**

Publication number	Publication date	Application number	Application date
USD731887 S1	20150616	US20130449126F	20130314

Priority:

US20130449126F 20130314

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): CROWN PACKAGING TECHNOLOGY INC

Assignee(s): DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS

Inventor(s): (std): DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDAN

Agent(s): BAKER AND HOSTETLER LLP

Title: VENTED BEVERAGE CAN AND CAN END

Abstract: Source: US2017107010A A beverage can end has a vent (40) that includes a button (50). The vent is actuated by downward force of a pull tab (70) that is transmitted to the vent score (42) through the button. The center panel (18) includes beads.

Classifications:

International (IPC 8-9): B65D1/12 B65D17/00

B65D47/32 (Advanced/Invention);

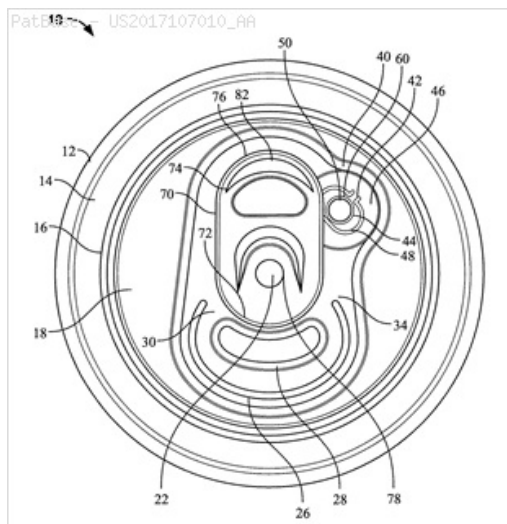
B65D17/00 (Core/Invention)

CPC: B65D17/165 B65D2517/0094 B65D1/12 B65D47/32

B65D2517/0014 B65D51/1672 B65D51/1683 B65D2517/0062

B65D2517/0082

US: 220/269



Family:

Publication number	Publication date	Application number	Application date
AU2015229633 AA	20150917	AU20150229633	20150310
CA2942302 AA	20160909	CA20152942302	20150310
CN106488876 A	20170308	CN201580024567	20150310
CO20160001698 A2	20161121	CO20160001698	20160908
EP3116798 A1	20170118	EP20150710705	20150310
MX2016011701 A1	20161214	MX20160011701	20150310
SG11201607292T A1	20160929	SG20161107292	20150310
TH163983 A	20170629	TH20161005107	20150310
US2017107010 AA	20170420	US20150124408	20150310
WO15138413 A1	20150917	WO2015US19642	20150310

Priority:

US20130075622 20131108 US20130782316P 20130314 US20140950397P 20140310
WO2015US19642 20150310 US20150124408 20150310

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): CROWN PACKAGING TECH INC ; CROWN PACKAGING TECHNOLOGY INC

Assignee(s): DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDAN

Inventor(s): (std): BRENDAN KEANE ; BRIAN FIELDS ; DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDAN ; VIVEK DOSHI

Agent(s): DAVIES COLLISON CAVE PTY LTD; GOWLING WLG CANADA LLP; LUZ HELENA ADARVE GOMEZ; LIND ROBERT; FULLMER HAROLD H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW