

Title (en)

Beverage container with improved drop resistance.

Title (de)

Getränkebehälter mit verbessertem Fallwiderstand.

Title (fr)

Récipient pour boisson présentant une résistance améliorée aux chocs par chute.

Publication

**EP 0450651 A1 19911009 (EN)**

Application

**EP 91105432 A 19910405**

Priority

US 50561890 A 19900406

Abstract (en)

A beverage container (10) with improved cumulative drop height resistance includes a generally cylindrical sidewall (12), an annular supporting portion (16) that is connected to the sidewall (12) by an outer connecting portion (28), a domed panel (38) that is disposed radially inwardly of said annular supporting portion (16), and an inner connecting portion (40) that connects the domed panel (38) to the annular supporting portion (16). By manufacturing the container (10) according to the method and dimensions of the present invention, an improvement in the cumulative drop height resistance is accomplished using the same material thickness, or material that is even thinner than that which was previously used. <IMAGE>

IPC 1-7

**B65D 1/16**; **B65D 1/26**

IPC 8 full level

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Citation (search report)

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- [XD] FR 2099514 A1 19720317 - CROWN CORK & SEAL CO
- [X] US 4412627 A 19831101 - HOUGHTON TIMOTHY J [US], et al

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**EP 0450651 A1 19911009**; **EP 0450651 B1 19931027**; AT E96391 T1 19931115; AU 644856 B2 19931223; AU 7394891 A 19911010; CA 2038817 A1 19911007; CA 2038817 C 19970422; CN 1055333 A 19911016; DE 69100550 D1 19931202; DE 69100550 T2 19940519; ES 2045976 T3 19940116; JP 2771343 B2 19980702; JP H06156467 A 19940603; MX 174630 B 19940530

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