

Title (en)
CONTAINERS FOR BEVERAGES AND THE LIKE.

Title (de)
BEHÄLTER FÜR GETRÄNKE UND DGL.

Title (fr)
RECIPIENTS POUR BOISSONS ET AUTRES.

Publication
EP 0015272 A4 19800929 (EN)

Application
EP 79900616 A 19791217

Priority

- JP 2437779 A 19790302
- JP 6207078 A 19780524
- JP 7001978 U 19780524
- JP 9647678 U 19780713
- JP 13440578 A 19781031

Abstract (en)
[origin: GB2036684A] A container (12) for flowable materials including liquids such as fruit juices and other beverages comprises a tubular body member (14) composed of five plies bonded to each other, the first third and fifth plies (16) (18) (20) being each formed of an elongated helically wound polyolefin whose edges are overlapped and bonded with those of adjacent convolutions to form a cylindrical layer. The second and fourth plies are formed of a helically wound elongated cup paper sheet material which is thicker than the polyolefin sheet material and whose edges are in abutment with those of adjacent convolutions to form a cylindrical layer. In another container (50), the tubular body member (52) is composed of a first (innermost) ply (58) of polyolefin sheet material having overlapped convolutions a second ply (60) of aluminium sheet both sides of which are laminated by thin paper (61) (63), a third ply (68) of kraft paper liner having butted convolutions, and a fourth ply (66) of polyolefin sheet material having overlapped convolutions. In yet another container (80), the tubular body member (82) is composed of at least two layers, the innermost layer (94) being formed from a sheet of synthetic resin having overlapped convolutions and provided with a continuous bond or weld (98) along the overlapped portion and a second bond (100) adjacent to the first so as to form and define a slack portion (104) of the overlap adapted to be taken up inwardly in response to negative pressure in the container. The tubular body member of the container is hermetically sealed with end-closures (84) (85) at least one of which can be formed of rigid sheet material of sufficient flexibility and provided with an initially outwardly bulged disshaped portion whereby the dis-shaped portion can be inwardly deflected to relieve negative internal pressure, such as results from thermal contraction of the contents of the container.

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CPC (source: EP)
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Citation (search report)

- US 3400853 A 19680910 - MOSVOLL JACOBSEN KJELL
- FR 2003396 A1 19691107 - HESSER AG MASCHF
- US 3980107 A 19760914 - BARNES DONALD E

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FR

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GB 2036684 A 19800702; AU 4711079 A 19791129; AU 525365 B2 19821104; BE 876506 A 19790917; BR 7908695 A 19800422; CA 1133837 A 19821019; DE 2950514 A1 19801211; EP 0015272 A1 19800917; EP 0015272 A4 19800929; IT 1192775 B 19880504; IT 7968101 A0 19790523; NL 7903812 A 19791127; SE 8000539 L 19800123; WO 7901113 A1 19791213

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