

Title (en)

BLOW MOLDED BOTTLE WITH UNFRAMED FLEX PANELS

Title (de)

IM BLASVERFAHREN HERGESTELLTER BEHÄLTER VERSEHEN MIT AUSDEHNUNGSWANDTEILEN OHNE RAHMEN

Title (fr)

BOUEILLE MOULEE PAR EXTRUSION-SOUFFLAGE COMPORTANT DES PAROIS FLEXIBLES A BORDURES NON RENFORCEES

Publication

EP 1192085 A1 20020403 (EN)

Application

EP 00930494 A 20000509

Priority

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- US 13361899 P 19990511

Abstract (en)

[origin: WO0068095A1] A hot-fillable, slender, blow-molded plastic bottle (10, 110, 210) for use in containing hot-filled beverages. The bottle (10, 110, 210) has a sidewall (16, 116, 216) with various interactive zones of function. For example, some of the zones are primarily responsible for accommodating vacuum absorption, while other zones are primarily intended to rigidify the container (10, 110, 210) such as by providing post strength to improve container top loading capability. Although each zone may have a primary function, each zone also aids adjacent zones in providing their functions. Thus, the entire sidewall (16, 116, 216), and not merely selected locations, reacts to the forces generated by the hot-fill process on the container (10, 110, 210).

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