

Title (en)
PREFORM ASSEMBLY, LIGHTWEIGHT CONTAINER AND METHOD OF MANUFACTURE

Title (de)
VORFORMLINGANORDNUNG, LEICHTER BEHÄLTER UND HERSTELLUNGSVERFAHREN

Title (fr)
ENSEMBLE PREFORME, RECIPIENT LEGER ET PROCEDE DE FABRICATION ASSOCIE

Publication
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Application
EP 04815387 A 20041223

Priority
• US 2004043304 W 20041223
• US 74640603 A 20031224

Abstract (en)
[origin: WO2005066027A1] A hollow plastic container includes an open finish, a closed bottom and a sidewall connecting the finish to the bottom. The sidewall is ultra thin, having a radial wall thickness of not more than 0.008 inch, preferably in the range of about 0.003 to 0.004 inch. The container preferably is blow molded from a preform (12) having a wall thickness such that a stretch ratio of eight to ten is obtained during the blowing operation. The preform may be heated prior to blow molding to achieve sidewall crystallization at a level of 28 % to 35 %. A plastic finish ring (14) is formed separately from said preform and is externally secured to the neck (18) of said preform.

IPC 8 full level
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