

Title (en)  
METHOD OF SWAGE-FORMING OF CONTAINER OR PREFORM INTERNAL THREADS AND CONTAINER AND PREFORM HAVING SUCH INTERNAL THREADS

Title (de)  
VERFAHREN ZUM SCHMIEDEFORMEN EINES BEHÄLTER- ODER VORFORMLINGINNENGEWINDES UND BEHÄLTER UND VORFORMLING MIT SOLCH EINEM INNENGEWINDE

Title (fr)  
PROCEDE DE FORMATION PAR EMBOUTISSAGE DE FILETAGES INTERNES DE RECIPIENT OU DE PREFORME ET RECIPIENT ET PREFORME PRESENTANT LESDITS FILETAGES INTERNES

Publication  
**EP 1708866 A1 20061011 (EN)**

Application  
**EP 04815386 A 20041223**

Priority  
• US 2004043303 W 20041223  
• US 74631903 A 20031224

Abstract (en)  
[origin: US2005139569A1] A method of making a plastic container having a body and an internally threaded finish includes providing a preform of molded plastic construction having a body and an integral neck, and expanding the body of the preform within a mold cavity to form the body of the container. Either prior to or subsequent to blow molding the container body, at least one internal thread is formed in the neck by engaging an inner surface of the neck with a first rotary tool having a peripheral channel, engaging an outer surface of the neck with a second rotary tool having a peripheral bead, and causing rotation of the neck and tools to swage at least one internal thread in the neck.

IPC 8 full level  
**B29C 49/02** (2006.01); **B29C 49/00** (2006.01); **B29C 49/76** (2006.01); **B65D 1/02** (2006.01); **B29C 49/06** (2006.01); **B29C 49/22** (2006.01)

CPC (source: EP US)  
**B29C 49/071** (2022.05 - EP US); **B29C 49/76** (2013.01 - US); **B29C 57/00** (2013.01 - EP US); **B65D 1/0246** (2013.01 - EP US); **B29C 49/02** (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/22** (2013.01 - EP US); **B29C 49/6452** (2022.05 - EP); **B29C 49/6605** (2022.05 - EP); **B29C 49/76** (2013.01 - EP); **B29C 49/761** (2022.05 - EP); **B29C 59/007** (2013.01 - EP US); **B29C 2049/2026** (2013.01 - EP US); **B29C 2049/2043** (2013.01 - EP US); **B29C 2949/0715** (2022.05 - EP); **B29C 2949/072** (2022.05 - EP US); **B29C 2949/0722** (2022.05 - EP US); **B29C 2949/0724** (2022.05 - EP US); **B29C 2949/073** (2022.05 - EP US); **B29C 2949/0731** (2022.05 - EP US); **B29C 2949/0733** (2022.05 - EP US); **B29C 2949/077** (2022.05 - EP US); **B29C 2949/0773** (2022.05 - EP US); **B29C 2949/0775** (2022.05 - EP US); **B29C 2949/0776** (2022.05 - EP US); **B29C 2949/0777** (2022.05 - EP US); **B29C 2949/08** (2022.05 - EP US); **B29C 2949/0801** (2022.05 - EP US); **B29C 2949/0813** (2022.05 - EP US); **B29C 2949/22** (2022.05 - EP US); **B29C 2949/24** (2022.05 - EP US); **B29C 2949/26** (2022.05 - EP US); **B29C 2949/28** (2022.05 - EP US); **B29C 2949/3008** (2022.05 - EP US); **B29C 2949/3012** (2022.05 - EP US); **B29C 2949/3016** (2022.05 - EP US); **B29C 2949/302** (2022.05 - EP US); **B29C 2949/3024** (2022.05 - EP US); **B29C 2949/3028** (2022.05 - EP US); **B29C 2949/303** (2022.05 - EP US); **B29C 2949/3032** (2022.05 - EP US); **B29C 2949/3036** (2022.05 - EP US); **B29C 2949/3038** (2022.05 - EP US); **B29C 2949/3056** (2022.05 - EP US); **B29C 2949/306** (2022.05 - EP US); **B29C 2949/3062** (2022.05 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/086** (2013.01 - EP US); **B29K 2023/12** (2013.01 - EP US); **B29K 2067/00** (2013.01 - EP US); **B29K 2077/00** (2013.01 - EP US); **B29K 2105/258** (2013.01 - EP US); **B29K 2623/086** (2013.01 - EP US); **B29K 2995/0041** (2013.01 - EP US); **B29K 2995/0043** (2013.01 - EP US); **B29L 2031/7158** (2013.01 - EP US)

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