

Title (en)  
METHOD AND APPARATUS FOR MANUFACTURING PLASTIC CONTAINERS, SUITABLE IN PARTICULAR FOR POLYCARBONATE BOTTLES

Title (de)  
VERFAHREN UND GERÄT ZUR HERSTELLUNG VON KUNSTSTOFFBEHÄLTERN, INSBESONDERE VON POLYCARBONAT-FLASCHEN

Title (fr)  
PROCEDE ET DISPOSITIF DE FABRICATION DE CONTENANTS EN MATIERE PLASTIQUE, CONCUS NOTAMMENT POUR DES BOUTEILLES EN POLYCARBONATE

Publication  
**EP 0958123 A1 19991124 (EN)**

Application  
**EP 97929590 A 19970707**

Priority

- NL 9700393 W 19970707
- NL 1003525 A 19960705

Abstract (en)  
[origin: WO9801284A1] Method and apparatus for manufacturing plastic containers, wherein first a preform (33) is formed in an injection molding station (6, 3); then, after optionally passing a conditioning station (4, 7), the preform (33) is inflated in a blowing station (5, 8) to form a container having the ultimately desired shape; and finally, the container is removed in an ejection station (9), wherein each preform (33) suspending in a neckring (11, 12, 13, 14) and internally supported by a heated core (20, 21, 22, 23) extending into the preform from above, is conveyed from the injection molding station (3, 6) to the blowing station (5, 8), and wherein the core is then moved along with the inflated container to the ejection station (9) and is then moved to an injection molding station (3, 6) again.

IPC 1-7  
**B29C 49/06**; **B29C 49/64**

IPC 8 full level  
**B29C 49/06** (2006.01); **B29C 49/64** (2006.01); **B29C 35/04** (2006.01); **B29C 49/12** (2006.01)

CPC (source: EP)  
**B29C 49/062** (2013.01); **B29C 49/6463** (2013.01); **B29C 35/04** (2013.01); **B29C 49/06** (2013.01); **B29C 49/12** (2013.01); **B29C 49/1202** (2022.05); **B29C 2049/023** (2013.01); **B29C 2949/0715** (2022.05); **B29K 2069/00** (2013.01); **B29K 2669/00** (2013.01)

Citation (search report)  
See references of WO 9801284A1

Designated contracting state (EPC)  
BE DE NL

DOCDB simple family (publication)  
**WO 9801284 A1 19980115**; EP 0958123 A1 19991124; NL 1003525 C2 19980107

DOCDB simple family (application)  
**NL 9700393 W 19970707**; EP 97929590 A 19970707; NL 1003525 A 19960705