

Title (en)
PROCESS AND DEVICE FOR MAKING CONTAINERS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON BEHÄLTERN

Title (fr)
PROCEDE ET DISPOSITIF POUR LA FABRICATION DE RECIPIENTS

Publication
EP 0799119 A2 19971008 (DE)

Application
EP 96922681 A 19960723

Priority
• AT 9600132 W 19960723
• AT 126895 A 19950726
• AT 126995 A 19950726

Abstract (en)
[origin: WO9704944A2] The invention relates to a process for making containers (2) from a raw material (5), especially polycarbonate, in which the raw material (5) is plasticised in an extruder (4) and injected through a heating channel (7) into an injection moulding tool (9) for a pre-moulding (14). The pre-moulding (14) is then inserted into a shaping tool (24) and expanded to the desired volume by feeding a pressurising medium into its interior. The container (2) is then removed from the shaping tool (24). A core (15) and a cavity (11) of the injection moulding tool (9) are kept at different temperatures above 70 DEG C in order to produce the pre-moulding (14). The cavity (11) is kept at a higher temperature than the core (15).

IPC 1-7
B29C 49/64; **B29C 49/48**; **B29C 45/73**

IPC 8 full level
B29C 45/73 (2006.01); **B29C 49/48** (2006.01); **B29C 49/64** (2006.01); **B29C 49/06** (2006.01)

CPC (source: EP)
B29C 45/73 (2013.01); **B29C 49/4823** (2013.01); **B29C 49/6445** (2013.01); **B29C 49/6454** (2013.01); **B29C 49/6463** (2013.01); **B29C 49/06** (2013.01); **B29C 49/1215** (2022.05); **B29C 2045/7343** (2013.01); **B29C 2049/4848** (2013.01); **B29C 2949/0715** (2022.05); **B29C 2949/0811** (2022.05); **B29C 2949/0818** (2022.05); **B29C 2949/22** (2022.05); **B29C 2949/24** (2022.05); **B29C 2949/26** (2022.05); **B29C 2949/28** (2022.05); **B29C 2949/3024** (2022.05); **B29C 2949/3032** (2022.05); **B29K 2105/253** (2013.01); **B29L 2031/716** (2013.01)

Citation (search report)
See references of WO 9704944A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9704944 A2 19970213; **WO 9704944 A3 19970417**; AU 6348196 A 19970226; EP 0799119 A2 19971008

DOCDB simple family (application)
AT 9600132 W 19960723; AU 6348196 A 19960723; EP 96922681 A 19960723