

Title (en)

METHOD FOR FORMING CONTAINERS, WITH BRAKING OF A STRETCHING PIN DURING BLOWING

Title (de)

VERFAHREN ZUM FORMEN VON BEHÄLTERN MIT BREMSUNG EINES STRECKSTIFTS WÄHREND DES BLASENS

Title (fr)

PROCÉDÉ DE FORMAGE DE RÉCIPIENTS, AVEC FREINAGE D'UNE TIGE D'ÉTIRAGE PENDANT LE SOUFFLAGE

Publication

EP 3227083 A1 20171011 (FR)

Application

EP 15810691 A 20151201

Priority

- FR 1462008 A 20141205
- FR 2015053269 W 20151201

Abstract (en)

[origin: WO2016087761A1] A method for manufacturing a container (2) from a plastic preform (3) in a forming station (1) equipped with a mould (5), a device (11) for injecting fluid into the preform (3), and a pin (26) able to move between a raised position and a lowered position. The method comprises in succession: a phase of introducing the preform (3) into the mould (5); a pre-blowing phase involving the operations consisting in: injecting a fluid into the preform (3) at a preblowing pressure; moving the stretching pin (26) from its raised position into its lowered position; a blowing phase comprising an operation of injecting into the preform (3) a fluid at a blowing pressure, and an operation of mechanically braking the pin (26) in the lowered position.

IPC 8 full level

B29C 49/06 (2006.01); **B29C 49/12** (2006.01); **B29C 49/36** (2006.01); **B29K 67/00** (2006.01); **B29L 31/00** (2006.01)

CPC (source: CN EP)

B29C 49/12 (2013.01 - CN EP); **B29C 49/06** (2013.01 - CN EP); **B29C 49/1232** (2022.05 - CN EP); **B29C 49/36** (2013.01 - CN EP); **B29C 2949/0715** (2022.05 - EP); **B29K 2067/003** (2013.01 - CN EP); **B29L 2031/7158** (2013.01 - CN EP)

Citation (search report)

See references of WO 2016087761A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016087761 A1 20160609; CN 107000299 A 20170801; CN 107000299 B 20190806; EP 3227083 A1 20171011; FR 3029447 A1 20160610; FR 3029447 B1 20161209

DOCDB simple family (application)

FR 2015053269 W 20151201; CN 201580065578 A 20151201; EP 15810691 A 20151201; FR 1462008 A 20141205