

Title (en)
PLASTIC CONTAINER AND METHOD

Title (de)
KUNSTSTOFFBEHÄLTER UND VERFAHREN

Title (fr)
RÉCIPIENT EN MATIÈRE PLASTIQUE ET PROCÉDÉ

Publication
EP 2925505 A1 20151007 (DE)

Application
EP 13798574 A 20131122

Priority
• CH 25572012 A 20121127
• CH 26312012 A 20121130
• EP 2013003525 W 20131122

Abstract (en)
[origin: WO2014082721A1] The invention relates to an extrusion blow-molded plastic container (1) that has a container body, which is closed by a container base, and a container neck, which is provided with a pour opening. An inner wall of the container neck has at least one calibrated structuring. In order to produce a plastic container (1) with a container neck designed according to the invention, a portion of a single-layer or multilayer plastic tube which is extruded continuously or discontinuously from an extrusion head is introduced into a mold cavity of a blow molding tool. The tube section which can be found in the mold cavity is inflated into the plastic container so as to correspond to the mold cavity using a gas, which is blown into the tube section using positive pressure, by means of a calibrating blow mandrel (2), which is inserted into the tube through an opening in the blow molding tool, and the plastic container is cooled.

IPC 8 full level
B29C 49/04 (2006.01); **B29C 49/54** (2006.01); **B29C 49/76** (2006.01); **B65D 1/02** (2006.01)

CPC (source: EP US)
B29C 49/04 (2013.01 - US); **B29C 49/76** (2013.01 - EP US); **B29D 22/003** (2013.01 - US); **B65D 1/0246** (2013.01 - EP US); **B65D 1/40** (2013.01 - US); **B29C 49/04102** (2022.05 - EP US); **B29C 49/04104** (2022.05 - EP US); **B29C 2049/543** (2013.01 - EP US); **B29C 2049/545** (2013.01 - EP US); **B29C 2049/546** (2013.01 - EP US); **B29C 2793/0054** (2013.01 - EP US); **B29C 2949/3042** (2022.05 - EP US); **B29K 2995/0081** (2013.01 - EP US); **B29L 2031/7158** (2013.01 - EP US); **B65D 1/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2014082721A1

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)
CH 707260 A1 20140530; AR 093604 A1 20150610; BR 112015011904 A2 20170711; CN 104995010 A 20151021; CN 104995010 B 20180102; EP 2925505 A1 20151007; IN 3755DEN2015 A 20151002; MX 2015006098 A 20150806; US 2015251794 A1 20150910; US 2017066549 A9 20170309; WO 2014082721 A1 20140605

DOCDB simple family (application)
CH 26312012 A 20121130; AR P130104341 A 20131126; BR 112015011904 A 20131122; CN 201380061932 A 20131122; EP 13798574 A 20131122; EP 2013003525 W 20131122; IN 3755DEN2015 A 20150504; MX 2015006098 A 20131122; US 201514722680 A 20150527