

Title (en)
INJECTION STRETCH BLOW MOLDED POLYLACTIDE BOTTLE AND PROCESS FOR MAKING SAME

Title (de)
SPRITZSTRECKBLASGEFORMTE POLYLACTIDFLASCHE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
BOUEILLE EN POLY(LACTIDE) MOULÉ PAR INJECTION-ÉTIRAGE-SOUFFLAGE ET PROCÉDÉ DE CELLE-CI

Publication
EP 2134765 A1 20091223 (EN)

Application
EP 08732470 A 20080319

Priority

- US 2008057478 W 20080319
- US 89577607 P 20070320
- US 5083008 A 20080318

Abstract (en)
[origin: WO2008115980A1] An injection stretch blow molding process for making containers from a polylactic acid resin. In one aspect the process comprises molding the polylactic acid resin into a perform, applying heat to the perform, stretching and blowing the perform in axial and radial dimensions in order to form a preliminary molded container, conditioning the molded container pursuant to a first conditioning method, conditioning the molded container pursuant to a second conditioning method, and stretching and blowing the molded container in order to form a final molded container. Relatively rigid bottles constructed in accordance with one or more processes disclosed herein are also contemplated.

IPC 8 full level
C08G 63/08 (2006.01)

CPC (source: EP US)
B29C 49/6409 (2013.01 - EP US); **B29C 49/6418** (2013.01 - EP US); **C08L 67/04** (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/12** (2013.01 - EP US); **B29C 49/6427** (2013.01 - EP); **B29C 49/6605** (2022.05 - EP); **B29C 49/66055** (2022.05 - EP); **B29C 2049/023** (2013.01 - EP); **B29C 2049/7831** (2022.05 - EP); **B29C 2949/0715** (2022.05 - EP); **B29C 2949/0811** (2022.05 - EP); **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 2949/3024** (2022.05 - EP US); **B29C 2949/3032** (2022.05 - EP US); **B29K 2995/006** (2013.01 - EP US); **B29L 2031/7158** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008115980 A1 20080925; EP 2134765 A1 20091223; EP 2134765 A4 20120523; US 2008230954 A1 20080925

DOCDB simple family (application)
US 2008057478 W 20080319; EP 08732470 A 20080319; US 5083008 A 20080318