

Title (en)

METHOD AND INSTALLATION PRODUCING PREFORMS

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON VORFORMLINGEN

Title (fr)

PROCEDE ET INSTALLATION DE PRODUCTION DE PREFORMES

Publication

EP 2007562 A1 20081231 (FR)

Application

EP 07734221 A 20070403

Priority

- IB 2007000901 W 20070403
- FR 0603334 A 20060414

Abstract (en)

[origin: WO2007119139A1] A PET granule hopper and dryer (1) feeding an extruder (2). The extruder in turn via a rotary seal, feeds a metering wheel (3) on which there are metering devices. An injection-compression wheel (4) supporting injection-compression devices (5) is positioned after the metering wheel (3). If the installation is not designed for continuous feeding of a blower for converting the preformed into packagings, a preform cooler is provided, by means of a cooling wheel (6) equipped with a set of water-cooled devices (1) blowing air onto the preforms before they are taken away for storage.

IPC 8 full level

B29C 43/34 (2006.01); **B29C 31/06** (2006.01); **B29C 43/08** (2006.01)

CPC (source: EP US)

B29C 31/068 (2013.01 - EP US); **B29C 43/08** (2013.01 - EP US); **B29C 43/34** (2013.01 - EP US); **B29C 2035/1616** (2013.01 - EP US); **B29C 2035/1666** (2013.01 - EP US); **B29C 2043/3466** (2013.01 - EP US); **B29C 2043/3681** (2013.01 - EP US); **B29K 2067/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2007119139A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

FR 2899836 A1 20071019; **FR 2899836 B1 20101015**; BR PI0711533 A2 20111101; CA 2647840 A1 20071025; CA 2647840 C 20140610; CN 101421087 A 20090429; CN 101421087 B 20111214; EP 2007562 A1 20081231; RU 2008144968 A 20100520; RU 2426643 C2 20110820; US 2009160094 A1 20090625; US 7993564 B2 20110809; WO 2007119139 A1 20071025

DOCDB simple family (application)

FR 0603334 A 20060414; BR PI0711533 A 20070403; CA 2647840 A 20070403; CN 200780013498 A 20070403; EP 07734221 A 20070403; IB 2007000901 W 20070403; RU 2008144968 A 20070403; US 29659107 A 20070403