

Title (en)

METHOD AND APPARATUS FOR RESHAPING PLASTIC PREFORMS, HAVING A HEATING DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM UMFORMEN VON KUNSTSTOFFVORFORMLINGEN MIT HEIZEINRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMAGE D'ÉBAUCHES EN MATIÈRE PLASTIQUE DOTÉ D'UN DISPOSITIF DE CHAUFFAGE

Publication

EP 2414146 A1 20120208 (DE)

Application

EP 10708760 A 20100310

Priority

- EP 2010053023 W 20100310
- DE 102009015519 A 20090402

Abstract (en)

[origin: WO2010112307A1] The invention relates to an apparatus for reshaping plastic preforms into plastic containers (10). Said apparatus comprises a plurality of blow-molding stations (4) that each have at least one receptacle space, within which the plastic preforms can be expanded into the plastic containers. The apparatus also comprises a conveying device (2) that conveys the containers along at least one specified travel path, wherein the apparatus has a plurality of heating devices (6) that are arranged along the travel path of each container, upstream of the blow-molding stations (4), wherein at least one heating device (6) is allocated to at least one blow-molding station (4).

IPC 8 full level

B29C 49/42 (2006.01); **B29C 49/64** (2006.01); **B29C 33/26** (2006.01); **B29C 35/08** (2006.01); **B29C 49/06** (2006.01); **B29C 49/12** (2006.01); **B29C 49/36** (2006.01); **B29C 49/46** (2006.01); **B29C 49/48** (2006.01); **B29C 49/78** (2006.01); **B29K 67/00** (2006.01)

CPC (source: EP US)

B29C 49/4205 (2013.01 - EP US); **B29C 49/64** (2013.01 - EP US); **B29C 33/26** (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/12** (2013.01 - EP US); **B29C 49/1222** (2022.05 - EP US); **B29C 49/123** (2022.05 - EP US); **B29C 49/1232** (2022.05 - EP US); **B29C 49/36** (2013.01 - EP US); **B29C 49/42057** (2022.05 - EP US); **B29C 49/42073** (2022.05 - EP); **B29C 49/42085** (2022.05 - EP); **B29C 49/42099** (2022.05 - EP); **B29C 49/42405** (2022.05 - EP); **B29C 49/42418** (2022.05 - EP); **B29C 49/42802** (2022.05 - EP); **B29C 49/42808** (2022.05 - EP); **B29C 49/5607** (2022.05 - EP); **B29C 49/6418** (2013.01 - EP); **B29C 49/6436** (2013.01 - EP US); **B29C 49/6445** (2013.01 - EP US); **B29C 49/6462** (2022.05 - EP); **B29C 49/648** (2022.05 - EP); **B29C 49/685** (2022.05 - EP); **B29C 49/78** (2013.01 - EP US); **B29C 2035/0822** (2013.01 - EP US); **B29C 2035/0855** (2013.01 - EP US); **B29C 2049/4697** (2013.01 - EP US); **B29C 2049/4892** (2013.01 - EP US); **B29C 2049/78675** (2022.05 - EP); **B29C 2049/78715** (2022.05 - EP); **B29C 2791/001** (2013.01 - EP US); **B29C 2949/0715** (2022.05 - EP); **B29K 2067/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2010112307A1

Citation (examination)

EP 0566995 A1 19931027 - NISSEI ASB MACHINE CO LTD [JP]

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009015519 A1 20101007; CN 102387905 A 20120321; CN 102387905 B 20160120; EP 2414146 A1 20120208; US 2012091636 A1 20120419; US 9211671 B2 20151215; WO 2010112307 A1 20101007

DOCDB simple family (application)

DE 102009015519 A 20090402; CN 201080015615 A 20100310; EP 10708760 A 20100310; EP 2010053023 W 20100310; US 201013262630 A 20100310