

Title (en)

WINDING METHOD FOR THE PRODUCTION OF A ROTATIONALLY SYMMETRIC, TUBE-LIKE HOLLOW BODY PREFORM, DEVICE AND METHOD FOR THE PRODUCTION OF A DEVICE FOR PRODUCING SAME

Title (de)

WICKELVERFAHREN ZUM HERSTELLEN EINES ROTATIONSSYMMETRISCHEN, ROHRARTIGEN HOHLKÖRPERFORMLINGS, VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER VORRICHTUNG ZUM HERSTELLEN DES SELBEN

Title (fr)

PROCÉDÉ DE BOBINAGE POUR FABRIQUER UNE ÉBAUCHE DE CORPS CREUX EN FORME DE TUBE À SYMÉTRIE DE RÉVOLUTION, DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF POUR SA FABRICATION

Publication

EP 2790887 A1 20141022 (DE)

Application

EP 12809189 A 20121213

Priority

- DE 102011121987 A 20111216
- EP 2012075392 W 20121213

Abstract (en)

[origin: WO2013087775A1] Winding method for the production of a rotationally symmetric, tube-like hollow body preform, device (10) for the production of a rotationally symmetric, tube-like hollow body preform and a method for the production of a device for producing a rotationally symmetric, tube-like hollow body preform, wherein reinforcing fibres soaked with a resin are wound in a winding process on a rotatably driven winding core (1) having an outside diameter corresponding to the inside diameter of the hollow body preform and wherein the hollow body preform is removed from the winding core after a subsequent hardening of the hollow body preform by means of supplied heat. For the winding process and/or hardening of the hollow body preform, the outside diameter of the winding core corresponds to the inside diameter of the hollow body preform to be produced, wherein the outside diameter of the winding core is reduced to a smaller outside diameter for the removal of the hollow body preform from the winding core.

IPC 8 full level

B29C 33/46 (2006.01); **B29C 53/60** (2006.01); **B29C 53/82** (2006.01); **B29C 53/84** (2006.01)

CPC (source: EP US)

B29C 33/505 (2013.01 - EP US); **B29C 53/824** (2013.01 - EP US); **B29D 23/00** (2013.01 - US); **B29C 53/60** (2013.01 - EP US); **B29L 2023/00** (2013.01 - US)

Citation (search report)

See references of WO 2013087775A1

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

DOCDB simple family (publication)

WO 2013087775 A1 20130620; DE 102011121987 A1 20130620; EP 2790887 A1 20141022; JP 2015505753 A 20150226; US 2014352873 A1 20141204

DOCDB simple family (application)

EP 2012075392 W 20121213; DE 102011121987 A 20111216; EP 12809189 A 20121213; JP 2014546509 A 20121213; US 201214365911 A 20121213