

Title (en)

DRAPING DEVICE FOR PRODUCING A THREE-DIMENSIONAL PREFORM OF FIBROUS MATERIAL

Title (de)

DRAPIERVORRICHTUNG ZUM HERSTELLEN EINES DREIDIMENSIONALEN VORFORMLINGS AUS FASERMATERIAL

Title (fr)

DISPOSITIF DE DRAPAGE POUR LA RÉALISATION D'UNE PRÉFORME TRIDIMENSIONNELLE EN MATÉRIAU FIBREUX

Publication

EP 3043984 A2 20160720 (DE)

Application

EP 14766138 A 20140909

Priority

- DE 102013109854 A 20130909
- EP 2014069199 W 20140909

Abstract (en)

[origin: WO2015032982A2] The invention relates to a draping device (13) for producing a three-dimensional preform (5) of fibrous material, comprising a female mould (14) reproducing the three-dimensional shape of the preform (5), and one or more mould cores (15) for draping and/or fixing, which are designed to cooperate with the female mould (14). The invention substantially consists in that different mould cores (15) on their surface (16) facing the preform (5), and/or different portions of this surface (16) of at least one mould core (15), have different surface roughnesses and/or roughness values; and or the surface (17) of the female mould (14) facing the preform (5) has portions with a different surface roughness and/or different roughness values.

IPC 8 full level

B29C 70/54 (2006.01); **B29C 33/30** (2006.01); **B29C 70/30** (2006.01); **B29C 70/48** (2006.01); **B29C 70/56** (2006.01)

CPC (source: AT EP US)

B29B 11/16 (2013.01 - AT EP); **B29C 33/301** (2013.01 - AT EP); **B29C 70/30** (2013.01 - AT EP US); **B29C 70/461** (2021.05 - EP US); **B29C 70/541** (2013.01 - AT EP); **B29C 70/56** (2013.01 - AT EP); **B29C 70/48** (2013.01 - AT EP)

Citation (search report)

See references of WO 2015032982A2

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)

DE 102013109854 A1 20150312; AT 15268 U1 20170415; EP 3043984 A2 20160720; WO 2015032982 A2 20150312; WO 2015032982 A3 20150521

DOCDB simple family (application)

DE 102013109854 A 20130909; AT 90282014 U 20140909; EP 14766138 A 20140909; EP 2014069199 W 20140909