

Title (en)

METHOD AND DEVICE FOR TREATING A FIBRE CABLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEHANDELN EINES FASERKABELS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT D'UN CÂBLE DE FIBRES

Publication

EP 2079861 B1 20121205 (DE)

Application

EP 07821280 A 20071012

Priority

- EP 2007060913 W 20071012
- DE 102006049784 A 20061021

Abstract (en)

[origin: WO2008046794A2] The invention relates to a method for treating a fibre cable for the production of stacked fibres and to a device for carrying out said method. The fibre cable is drawn in a drawing zone before being cut into stacked fibres, wherein the fibre cable is treated with a fluid prior to the drawing process. After drawing, the fibre cable undergoes a thermal treatment in order to immobilize the fibre material, the fluid contained in the fibre cable before the thermal treatment is reduced by pinching the fibre cable. In order to adjust the fluid content in the fibre cable to the respective treatment stages, the fibre cable is already pinched within the drawing zone over its width to such an extent that an evenly distributed proportion of weight of <10 % of the fluid is achieved over the width of the fibre cable. For this purpose, the device comprises a pinching device which is arranged within the drawing zone and provided with flexurally rigid pinching means.

IPC 8 full level

D01D 5/16 (2006.01); **D01D 10/02** (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP)

D01D 5/16 (2013.01); **D01D 10/02** (2013.01); **D01G 1/00** (2013.01); **D02J 1/22** (2013.01); **D02J 13/00** (2013.01)

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

DOCDB simple family (publication)

WO 2008046794 A2 20080424; WO 2008046794 A3 20080717; CN 101528992 A 20090909; CN 101528992 B 20110817; EP 2079861 A2 20090722; EP 2079861 B1 20121205; RU 2009118827 A 20101127; RU 2421554 C2 20110620

DOCDB simple family (application)

EP 2007060913 W 20071012; CN 200780038494 A 20071012; EP 07821280 A 20071012; RU 2009118827 A 20071012