

Title (en)

APPARATUS FOR MELT-SPINNING, DRAWING AND WINDING UP A PLURALITY OF MULTIFILAMENT THREADS

Title (de)

VORRICHTUNG ZUM SCHMELZSPINNEN, VERSTRECKEN UND AUFWICKELN MEHRERER MULTIFILIER FÄDEN

Title (fr)

DISPOSITIF POUR LE FILAGE À CHAUD, L'ÉTIRAGE ET LE BOBINAGE DE PLUSIEURS FILS MULTIFILAMENTS

Publication

EP 2598678 B1 20141217 (DE)

Application

EP 11714534 A 20110412

Priority

- DE 102010032529 A 20100728
- EP 2011055709 W 20110412

Abstract (en)

[origin: WO2012013367A1] The invention relates to an apparatus for melt-spinning, drawing and winding up a multifilament thread, having a spinning device, a drawing device, a spooling device and a preparation device which is formed by two separate preparation stations. The preparation stations are arranged upstream and downstream of the drawing device in the thread run, wherein according to the invention at least one of the preparation stations is designed to be controllable and/or switchable for setting a thread wetting. It is therefore possible to wet the threads in a manner which is always adapted to the respective operating states.

IPC 8 full level

D01D 5/096 (2006.01); **D01D 13/02** (2006.01)

CPC (source: EP KR)

D01D 5/096 (2013.01 - EP KR); **D01D 13/02** (2013.01 - EP KR)

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 2012013367 A1 20120202; CN 103025928 A 20130403; CN 103025928 B 20150520; EP 2598678 A1 20130605; EP 2598678 B1 20141217; JP 2013535586 A 20130912; JP 5837064 B2 20151224; KR 101431997 B1 20140820; KR 20130041289 A 20130424; RU 2013108692 A 20140910; RU 2556473 C2 20150710

DOCDB simple family (application)

EP 2011055709 W 20110412; CN 201180036742 A 20110412; EP 11714534 A 20110412; JP 2013521021 A 20110412; KR 20137005295 A 20110412; RU 2013108692 A 20110412