

Title (en)

METHOD AND DEVICE FOR MELT SPINNING, TREATING AND WINDING A SYNTHETIC THREAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHMELZSPINNEN, BEHANDELN UND AUFWICKELN EINES SYNTHETISCHEN FADENS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FILATURE PAR EXTRUSION, DE TRAITEMENT ET D'ENROULEMENT D'UN FIL SYNTHÉTIQUE

Publication

EP 2129817 B1 20120801 (DE)

Application

EP 08717772 A 20080313

Priority

- EP 2008053028 W 20080313
- DE 102007013985 A 20070323

Abstract (en)

[origin: WO2008116759A2] The invention relates to a method and a device for melt spinning, treating and winding a synthetic thread. The thread is pulled off, guided and treated after melt spinning by a treatment device and is wound onto a coil by a winding device. Said thread is guided vertically from the melt spinning process to the winding process over several levels. In order to maintain short operating times, in particular when the process is started or interrupted, the treatment device is operated from a first upper operational platform. The winding device is operated in a second lower operating platform. The thread is monitored in a transitional area between the treatment device and the winding device by means of a thread monitor.

IPC 8 full level

D01D 11/00 (2006.01); **B65H 54/72** (2006.01); **B65H 63/00** (2006.01); **B65H 63/036** (2006.01); **B65H 65/00** (2006.01); **B65H 67/04** (2006.01); **D01D 13/02** (2006.01)

CPC (source: EP)

B65H 54/72 (2013.01); **B65H 63/00** (2013.01); **B65H 63/036** (2013.01); **B65H 65/00** (2013.01); **B65H 67/04** (2013.01); **B65H 67/048** (2013.01); **D01D 11/00** (2013.01); **D01D 13/02** (2013.01); **B65H 2701/3132** (2013.01)

Cited by

DE102015009974A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008116759 A2 20081002; **WO 2008116759 A3 20090219**; CN 101646810 A 20100210; CN 101646810 B 20120704; EP 2129817 A2 20091209; EP 2129817 B1 20120801

DOCDB simple family (application)

EP 2008053028 W 20080313; CN 200880009417 A 20080313; EP 08717772 A 20080313