

Title (en)  
MELT SPINNING DEVICE

Title (de)  
SCHMELZSPINNVORRICHTUNG

Title (fr)  
DISPOSITIF DE FILAGE À CHAUD

Publication  
**EP 2737115 B1 20150422 (DE)**

Application  
**EP 12735841 A 20120710**

Priority  
• DE 102011108534 A 20110726  
• EP 2012063460 W 20120710

Abstract (en)  
[origin: WO2013013968A1] The invention relates to a melt spinning device for producing a plurality of multi-filament threads which comprises a spinning apparatus, a cooling apparatus, a drawing apparatus and a winding apparatus. According to the invention, the drawing apparatus has a plurality of godet units entwined by threads, each of said units having a plurality of godets, which are axially rectified to a coil spindle of the winding device. According to the invention, the transition of the threads as yarn from the drawing device to the winding device is executed by a guide godet which is aligned according to the invention axially crosswise to the godets of the godet units and under the drawing device, so that the threads can be guided by simple partial wrapping after rotation of the thread running plane of the yarn by 90°.

IPC 8 full level  
**D01D 13/02** (2006.01); **B65H 54/20** (2006.01)

CPC (source: EP US)  
**B65H 51/12** (2013.01 - EP US); **B65H 54/20** (2013.01 - EP US); **D01D 13/00** (2013.01 - US); **D01D 13/02** (2013.01 - EP US); **B65H 2701/3132** (2013.01 - EP US)

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 2013013968 A1 20130131**; CN 103703175 A 20140402; CN 103703175 B 20160817; EP 2737115 A1 20140604; EP 2737115 B1 20150422; JP 2014524991 A 20140925; JP 6016914 B2 20161026; US 2014248384 A1 20140904

DOCDB simple family (application)  
**EP 2012063460 W 20120710**; CN 201280036877 A 20120710; EP 12735841 A 20120710; JP 2014522022 A 20120710; US 201214234066 A 20120710