

Title (en)

Device and method for winding a roving onto a bobbin

Title (de)

Vorrichtung und Verfahren zum Aufwinden eines Vorgarnes auf eine Spule

Title (fr)

Dispositif et procédé d'enroulement d'une mèche sur une bobine

Publication

EP 2112258 A3 20140402 (DE)

Application

EP 09004219 A 20090325

Priority

CH 6572008 A 20080425

Abstract (en)

[origin: EP2112258A2] The device (24) has a bobbin holder (19) rotatably holding and winding a warpable roving (15) on a roving bobbin (12). A changing device (11) transfers the roving to be wound on the roving bobbin. The changing device includes an upper roller (17) and a lower roller (18) with a clamping line (20), where the roving is guidably clamped through the clamping line. The rollers are drivingly arranged immediately before the bobbin and are changeable in a bobbin axial direction (16). The changing device changes the roving in the clamping line in the bobbin axial direction. Independent claims are also included for the following: (1) a device for producing a warpable roving comprising a stretching unit (2) a method for producing a roving using a warpable production device.

IPC 8 full level

D01G 27/00 (2006.01); **B65H 51/10** (2006.01); **B65H 54/28** (2006.01); **B65H 54/36** (2006.01); **B65H 59/38** (2006.01); **D01H 1/115** (2006.01); **D01H 1/36** (2006.01); **D01H 1/40** (2006.01)

CPC (source: EP US)

B65H 51/10 (2013.01 - EP US); **B65H 54/28** (2013.01 - EP US); **B65H 54/36** (2013.01 - EP US); **B65H 59/384** (2013.01 - EP US); **D01H 1/36** (2013.01 - EP US); **D01H 1/40** (2013.01 - EP US); **D01H 7/92** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [YD] WO 2005026421 A1 20050324 - RIETER AG MASCHF [CH], et al
- [YD] WO 2004042126 A1 20040521 - INST TEXTIL & FASERFORSCHUNG [DE], et al
- [Y] DE 10307603 A1 20040902 - RIETER INGOLSTADT SPINNEREI [DE]
- [A] FR 2274205 A7 19760102 - ICI LTD [GB]

Cited by

CH712663A1; CZ307263B6; CH709606A1; CH709693A1; CN106414821A; CH713018A1; CN109790649A; WO2013000097A1; US10472740B2; WO2013010280A1; WO2018011655A1; WO2015170155A1; US10837128B2; US10563326B2; US10683188B2

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2112258 A2 20091028; **EP 2112258 A3 20140402**; **EP 2112258 B1 20160511**; CN 101565865 A 20091028; CN 101565865 B 20170301; US 2009289141 A1 20091126; US 8042324 B2 20111025

DOCDB simple family (application)

EP 09004219 A 20090325; CN 200910137072 A 20090424; US 42968909 A 20090424