

Title (en)

DEVICE FOR GUIDING YARN END OF YARN FEEDING BOBBIN, AND BOBBIN PREPARATION SYSTEM

Title (de)

VORRICHTUNG ZUR FÜHRUNG DES FADENENDES EINER FADENZUFÜHRUNGSSPULE UND SYSTEM ZUR SPULENVORBEREITUNG

Title (fr)

DISPOSITIF DE GUIDAGE D'EXTRÉMITÉ DE FIL DE BOBINE D'ALIMENTATION DE FIL, ET SYSTÈME DE PRÉPARATION DE BOBINE

Publication

EP 3281903 B1 20200108 (EN)

Application

EP 16776255 A 20160316

Priority

- JP 2015077548 A 20150406
- JP 2016001515 W 20160316

Abstract (en)

[origin: EP3281903A1] This device for guiding a yarn end of a yarn supply bobbin includes an air injection device and a guide section (33). The air injection device injects air from a nozzle. The guide section (33) has a guide hole section (36), gaps (38), and a notch (37). The guide hole section (36) passes through the guide section (33), in alignment with the orientation of the nozzle. The gaps (38) are in communication with the guide hole section (36) and are perpendicular to a centerline (36c) of the guide hole section (36). The guide hole section (36) is configured to arrange a plurality of guide plates (34) having a first opening (34a) respectively in the order from the largest-diameter to smallest-diameter first openings (34a). The size of the first opening (34a) of the guide plate (34) on the side far from the nozzle is smaller than that of the first opening (34a) of the guide plate (34) on the opposite side therefrom.

IPC 8 full level

B65H 67/08 (2006.01)

CPC (source: EP)

B65H 67/088 (2013.01); **B65H 2701/31** (2013.01)

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)

EP 3281903 A1 20180214; **EP 3281903 A4 20181205**; **EP 3281903 B1 20200108**; CN 107207179 A 20170926; CN 107207179 B 20190702; JP 2016196352 A 20161124; WO 2016163077 A1 20161013

DOCDB simple family (application)

EP 16776255 A 20160316; CN 201680008764 A 20160316; JP 2015077548 A 20150406; JP 2016001515 W 20160316