

Title (en)

CUTTING DEVICE FOR A NONWOVEN FABRIC WINDER AND METHOD FOR SAME

Title (de)

SCHNEIDVORRICHTUNG FÜR EINEN VLIESWICKLER UND VERFAHREN DAZU

Title (fr)

DISPOSITIF DE COUPE POUR UN ENROULEUR DE NON-TISSÉ ET PROCÉDÉ CORRESPONDANT

Publication

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Application

EP 18171167 A 20180508

Priority

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Abstract (en)

[origin: CN108928661A] A device is connected with a nonwoven fabric winder (10) so that the nonwoven fabric is separated at a preset position in a period of winding to a winding shaft and partial nonwoven fabric which is generated by separation and has a free end aligned to the conveying direction of the nonwoven fabric is conveyed to the winding shaft that is configured in a manner of being opposite to the conveying direction. The invention further discloses a nonwoven fabric winder with the device and a driving device. The driving device drives the device from a waiting position to an operation position. Then the nonwoven fabric is wound on a first winding shaft by means of a contact roller (8). The device is also provided with a pressure element so that the first winding shaft is pressed to the contact roller and the to-be-wound nonwoven fabric is wound on the first winding shaft because of friction. The device is used for separating the nonwoven fabric and partial nonwoven fabric is conveyed to a second winding shaft. The invention further relates to a method for operating the nonwoven fabric winder, wherein the method comprises the steps of winding the entered nonwoven fabric around the first winding shaft; if a separation state (S2) is detected, separating the nonwoven fabric, and furthermore after separation of the nonwoven fabric is finished, conveying the partial nonwoven fabric in the direction of the second winding shaft.

IPC 8 full level

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- WO 9515901 A1 19950615 - BELOIT TECHNOLOGIES INC [US]
- EP 0698571 A2 19960228 - REINHOLD KLAUS [DE]

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