

Title (en)
CUTTING DEVICE FOR A NONWOVEN FABRIC COILER

Title (de)
SCHNEIDVORRICHTUNG FÜR EINEN VLIESWICKLER

Title (fr)
DISPOSITIF DE COUPE POUR UN BOBINEUR DE NON-TISSÉ

Publication
EP 3406770 B1 20230705 (DE)

Application
EP 18171427 A 20180509

Priority
DE 102017111379 A 20170524

Abstract (en)
[origin: CN108928660A] The invention discloses a device that can be combined into a web winder (1) to separate a web. A cutting section (106) of a separating section (100) extends over the width of the web and is fixedly or vibrantly driven relative to the axis of rotation of a contact roller (8), and a holding section (130, 140) is rotatably arranged about the axis of rotation. An operating section (102, 104, 105) places the cutting section in the retaining section, whereby the cutting section is not in contact with the web. The cutting section is moved across the axis of rotation of the device such that the cutting segment squeezes the web for separation. A sensor system (160) is used to detect at least one state of the separation section. The web winder winds the web onto the winding shaft by means of a contact roll and a pressing element. The pressing element presses the winding shaft against the contact roller so that the web is wound on the winding shaft around the circumference of the contact roller. The winder uses the device to separate the web and monitor the position of the cutting section. The invention also relates to a method for operating a winder.

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Citation (examination)
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