

Title (en)  
DEVICE AND METHOD FOR CHANGING A REEL AND FOR CONNECTING A NEW MATERIAL WEB TO THE END OF AN OLD MATERIAL WEB

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM WECHSEL EINES WICKELS UND ZUM VERBINDEN EINER NEUEN MATERIALBAHN AN EIN ENDE EINER ALTEN MATERIALBAHN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE CHANGEMENT D'UNE BOBINE ET DE LIAISON D'UNE NOUVELLE BANDE DE MATÉRIAU À UNE EXTRÉMITÉ D'UNE ANCIENNE BANDE DE MATÉRIAU

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Application  
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Abstract (en)  
[origin: WO2017125436A1] The invention relates to a device for changing a reel and for connecting a new material web to the end of an old material web, with a first reel (101) from which the first material web thereof which is wound thereon can be unwound, a transport device (103), particularly a transport roller, by means of which the first material web can be guided in a guiding region at a transport speed, a second reel (121) with which the new material web can be prepared, a drive device for rotatably driving the second reel, a separating device (142) for cutting through the first material web, by means of which the material web can be cut through in the guiding region or upstream of the guiding region in order to produce a trailing end, and a control and/or regulating device for the mutual adjustment of the trailing end and the beginning (125) of the second material web, such that the trailing end and the beginning of the web are at a distance of more than 0 mm from each other and particularly do not overlap. The trailing end and the beginning of the new material web can be connected to each other in the guiding region of the transport device by means of a connection element, and the transport speed of the trailing end and the beginning of the web corresponds to more than 0 metre per minute in the guiding region.

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Citation (opposition)  
Opponent : manroland Goss web systems GmbH  
• US 2014251528 A1 20140911 - CEDERHOLM ROGER [US], et al  
• US 2004060641 A1 20040401 - WARD JAMES K [US], et al  
• EP 0010869 A1 19800514 - BLACK CLAWSON CO [US]  
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• WOLFGANG WALENSKI: "Der Rollen Offset druck Geschichte Moderne Technik Materialien", 1995, FACHSCHRIFTEN-VERLAG GMBH, article "Marktübersicht: Rollenoffsetmaschinen 1994/95", pages: 2pp, 38 - 40, XP055764067

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