

Title (en)

METHOD FOR WINDING A MOVING MATERIAL WEB AND WINDING MACHINE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM AUFWICKELN EINER LAUFENDEN MATERIALBAHN SOWIE WICKELMASCHINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE BOBINAGE D'UNE BANDE DE MATIÈRE EN MOUVEMENT ET BOBINEUSE POUR L'EXÉCUTION DE CE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2010004029A1] The invention relates to a method for winding a moving material web (4), in particular a fibrous web, according to which the material web (4) is wound on successive winding cores (10, 11) to form wound rolls (6). According to the invention, the material web (4) is preferably guided over a peripheral region of a preferably displaceable carrier drum (2) that forms a winding nip (7) with a roll to be wound (6) and is subsequently wound on a winding core (10) to form a wound roll (6). A new winding core (11) is brought into contact with the carrier drum, preferably immediately before a predetermined wound roll diameter (D) is reached in the peripheral region of the carrier drum (2) that is looped by the material web (4), forming a new winding nip (7.1) and the material web (4) is cut after the formation of the new winding nip (7.1) between the new winding core (11) and the carrier drum (2) using at least one separation device (12) and is then transferred to the new winding core (11) and wound on said core. The produced wound roll (6) is ejected into an end position (E) when the winding nip (7) is opened. The method according to the invention is characterised in that at least one respective brush element (13) is brought into contact with at least one edge region (R) and preferably both edge regions (R) of the produced wound roll (6), at least during the ejection into the end position (E). The invention also relates to a winding machine (1) for carrying out said method.

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