

Title (en)
DEVICE AND METHOD FOR PRODUCING A MULTIPLE-LAYER FIBROUS WEB

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER MEHRLAGIGEN FASERSTOFFBAHN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE MULTICOUCHE

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Abstract (en)
[origin: WO2017162685A1] The invention relates to a device (1) for producing a multiple-layer fibrous web having a wire section (6), a pressing section (7) and a drying section (8), wherein the wire section (6) comprises a first forming unit (2) for forming a first layer (9) of the fibrous web (11) and a second forming unit (3) for forming a second layer (10) of the fibrous web (11), and the forming units (2, 3) are configured and arranged with respect to one another in such a way that the second layer is transferred onto the first layer in a couching zone (37) in order to configure the multiple-layer fibrous web, and wherein the pressing section (7) comprises at least two last press nips (12, 13), wherein the two last press nips (12, 13) are formed by way of a first pressing element (15) and a second pressing element (16) and a common counter-element (18) with a smooth surface for calendering one side of the multiple-layer fibrous web (11). The device (1) according to the invention is characterized in that a transfer belt (20) is provided for direct taking over of the multiple-layer fibrous web (11) from the first forming unit (2) and for further transporting of the multiple-layer fibrous web (11), in that a press belt (19) is arranged for direct taking over of the multiple-layer fibrous web (11) from the transfer belt (20), and in that the multiple-layer fibrous web (11) is guided together with the press belt (19) through the penultimate press nip (12) in such a way that the second layer (10) of the multiple-layer fibrous web (11) comes into contact with the smooth surface of the counter-element (18).

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