

Title (en)

METHOD FOR INCREASING THE ADHESION BETWEEN THE FIRST SURFACE OF A FIRST WEB-SHAPED MATERIAL AND A FIRST SURFACE OF A SECOND WEB-SHAPED MATERIAL

Title (de)

VERFAHREN ZUR ERHÖHUNG DER ADHÄSION ZWISCHEN DER ERSTEN OBERFLÄCHE EINES ERSTEN BAHNFÖRMIGEN MATERIALS UND EINER ERSTEN OBERFLÄCHE EINES ZWEITEN BAHNFÖRMIGEN MATERIALS

Title (fr)

PROCÉDÉ POUR AUGMENTER L'ADHÉSION ENTRE LA PREMIÈRE SURFACE D'UN PREMIER MATÉRIAU EN BANDE ET UNE PREMIÈRE SURFACE D'UN DEUXIÈME MATÉRIAU EN BANDE

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Application

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Abstract (en)

[origin: WO2016034571A1] The invention relates to a method for increasing the adhesion between the first surface of a first web-type material and a first surface of a second web-type material, the first web-type material and the second web-type material being supplied to a lamination nip continuously and with the same direction of the web. In said nip, the first surface of the first web-type material and of the second web-type material are laminated together and both first surfaces of the first web-type material and of the second web-type material are treated with a plasma over the whole surface, in particular such that the plasma acts continuously on the two first surfaces starting from a region in front of the lamination nip to right into the lamination nip. The lamination nip is formed by a pressure roller and a counter-pressure roller and at least one of the surfaces of the rollers or both are equipped with a dielectric. The plasma or the corona is produced by a nozzle. The first web-type material comprises an adhesive compound layer which is arranged in the first web-type material such as to form the first surface of the first web-type material.

IPC 8 full level

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