

Title (en)
METHOD AND APPARATUS FOR THE PRODUCTION OF TISSUE PAPER

Title (de)
VERFAHREN UND VORRICHTUNG FÜR DIE PRODUKTION VON TISSUE-PAPIER

Title (fr)
PROCÉDÉ ET APPAREIL DE PRODUCTION DE PAPIER MINCE

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Application
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Abstract (en)
[origin: WO2021137133A1] A method for the production of tissue paper (90) with a grammage of less than 100 g/m2 using a single-cylinder machine (10) that comprises a Yankee cylinder or dryer cylinder (2), which comprises: - a distribution step of at least one liquid product on at least one work surface (21) of the cylinder (2) that has a useful width (L) that is adapted to be covered by the paper (90); - a drying step of the paper (90) on the work surface (21) of the cylinder (2) with the at least one chemical product interposed; - a release step of the paper (90) from the work surface (21) of the cylinder (2) by way of a creping blade (3); - a detecting step of at least one process parameter; characterized in that the at least one liquid product is distributed by way of a first series (5) of first atomizer nozzles (5a-5o) which dispense a chemical release product (a) and a second series (6) of second atomizer nozzles (6a-6o) which dispense a chemical adhesion product (b); in the distribution step of the flow rate of the individual atomizer nozzles (5a-5o, 6a-6o) of the first series (5) and of the second series (6) being selectively varied as a function of the at least one process parameter, so as to vary the ratio between the chemical adhesion product (b) and the chemical release product (a) and/or the overall quantity of chemical products (a, b, c) dispensed along the useful width (L) as a function of the at least one process parameter.

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