

Title (en)

DRYING UNIT, PRINTING PRESS AND METHOD OF OPERATING

Title (de)

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Title (fr)

UNITÉ DE SÉCHAGE, MACHINE D'IMPRESSION ET PROCÉDÉ DE FONCTIONNEMENT

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Application

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Abstract (en)

[origin: WO2016150868A1] The invention relates to a value-document printing machine comprising, in the path of the printing material, at least a first printing site (06"), at which a printing material (02) passing through said printing site can be printed, in segments on at least a first of the two sides of said printing material in a cycle (Z) at a print image width (B44) with a cycle length (L) that is fixed in relation to the advancing of the printing material at the printing site, with print images of a print image length (L) that is shorter than the cycle length, and a second printing site (07") that follows next downstream, at which the printing material passing through said printing site can likewise be printed with print images on at least the second of the sides of the printing material, and a dryer device having a dryer (14, 16, 36), which comprises a one- or multi-part radiation means and which is arranged in the printing material path between the first and the second printing sites and/or in the printing material path following the second printing site and by means of which radiation can be applied to the printing material passing through the dryer on the transport path of the printing material in order to dry said printing material. A control device (37) that controls the drying means (38) of the dryer with regard to activation and deactivation is provided, which control device has a signal connection to a transmitter (42) that provides signals (S) representing the machine phase and/or the printing material progress and effects a switch-on and switch-off of the drying means or at least part of the drying means in each cycle in accordance with a sequence comprising at least one active and at least one inactive phase (P) in correlation with the machine and/or printing-material phase position. During operation, a switch-on and switch-off of the radiation source or at least part of the radiation source having at least one active and one inactive phase occurs in each cycle.

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