

Title (en)

SETTING AND/OR CHANGING A PROFILE IN THE FOUNTAIN SOLUTION SUPPLY OF A PRINTING UNIT

Title (de)

EINSTELLUNG UND/ODER ÄNDERUNG EINES PROFILS IN DER FEUCHTMITTELFÜHRUNG EINES DRUCKWERKS

Title (fr)

RÉGLAGE ET/OU CHANGEMENT D'UN PROFILE D'AMENÉE DE L'EAU DE MOUILLAGE D'UN GROUPE IMPRIMANT

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Application

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Abstract (en)

[origin: WO2016041642A1] The invention relates to a device for adjusting and/or changing a damping medium profile, which extends in the direction of a printing width, in a printing unit (11, 21) comprising at least one printing unit cylinder (13, 19), at least one inking unit (17) which inks the printing unit cylinder (13, 19), and at least one damping unit (18) which interacts with the printing unit cylinder (13, 19) and/or the inking unit (17). A drying device (39) which extends over the printing width is provided with a number l ($l \in \mathbb{N}$, $l > 1$) of drying elements (41k), the influence of which on a printing unit (11, 21) surface (F) to be treated allows moisture to be removed from a number of n ($n \in \mathbb{N}$, $n > 1$) axial portions aj ($j = 1, \dots, n$) that are offset relative to one another in the direction of the printing width and the extent of the influence of which with respect to the axial portion (aj) and/or the operating state of which can be varied independently of one another. The drying elements (41k) are designed and arranged in the printing unit (11; 21) such that at least 20% of the width (bj), when seen in the direction of the printing width, of multiple or all of the axial portions (aj), which are designed as active portions (aj) with an active width (bj) of the drying elements (41k) in the printing unit (11; 21), over the extension of said portions overlaps with an adjacent axial portion of the axial portions (aj), which are axially offset relative to one another in the direction of the printing width, and/or a controller (46) and switching and/or adjusting means (47v) which are connected to the controller for signaling purposes are provided, said controller and switching and/or adjusting means being used to operate multiple or all of the drying elements (41k) during a stationary active operating state such that each of the drying elements is pulsed, i.e. individually clocked between an "off" switching state and an "on" switching state.

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