

Title (en)

METHOD FOR THE CONTROLLED APPLICATION OF A DYEING LIQUOR TO A YARN, A YARN BUNDLE, OR A TEXTILE WEB

Title (de)

VERFAHREN ZUM GESTEUERTEN AUFBRINGEN EINER FARBFLOTTE AUF EIN GARN, EINE GARNSCHAR ODER EINE TEXTILBAHN

Title (fr)

PROCÉDÉ DE DÉPÔT CONTRÔLÉ D'UN BAIN DE TEINTURE SUR UN FIL, UN ASSEMBLAGE DE FILS OU UNE BANDE TEXTILE

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Application

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Abstract (en)

[origin: WO2014202223A2] The invention relates to a method for the controlled application of a liquid to a material web (1), in particular for the application of a dyeing liquor to a material web (1), wherein the material web (1) is moved along a running path (2), and the direction of the material web (1) is changed multiple times on the running path (2) thereof by means of deflecting rollers (4, 5, 6, 7, 8, 9). Thus, the material web (1) is guided in running-path segments (10, 11, 12) that are approximately parallel to each other and have opposite running directions (19, 20, 21). The liquid is distributed as drops between the running-path segments (10, 11, 12) by a rotational disk (13, 16) in a rotational plane (30), wherein the drops of the liquid are applied simultaneously to the material-web segment of the first running-path segment (10) running in the one direction and to the material-web segment of the second running-path segment (11) running in the other direction. The second liquid application in the second running-path segment (11) is applied over a first liquid application from the first running-path segment (10). According to the invention, the liquid fed to the rotational disk (13, 16) is a spraying liquor, which is composed of mixing components, wherein the bringing together of the mixing components and the mixture thereof into a spraying liquor occur shortly before the feeding of the spraying liquor to the rotational disk (13, 16).

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