

Title (en)
Method and apparatus for the wet-on-wet treatment of textile materials.

Title (de)
Verfahren und Vorrichtung zur kontinuierlichen Nass-in-Nass-Behandlung.

Title (fr)
Procédé et installation de traitement humide-sur-humide de matières textiles.

Publication
EP 0302219 A2 19890208 (DE)

Application
EP 88110344 A 19880629

Priority
DE 3725831 A 19870804

Abstract (en)
[origin: JPS6445862A] PURPOSE: To provide a method comprising such a practice that, using a small- volume treatment tank, a replenishing level is controlled so as to exactly coincide with the quantity of a treatment liquor carried off by the outgoing length of a material to keep the concentration of the treatment liquor in the tank constant with a high degree of accuracy. CONSTITUTION: This method comprises the following practice: a treatment tank 3 is filled with a treatment liquor 6, its level is monitored with a float 7, the resulting level signal is transmitted via a potentiometer 8 to a comparator 9; a solenoid valve 10 is controlled by the comparator 9, the quantity signal of water measured by a water gauge 12 is transmitted to a microprocessor 13; in response to the result, the respective necessary quantities of additives are fed from the corresponding storage tanks 17, 18, 19 via the corresponding replenishing pumps 14, 15, 16 into a water pipe 20 and then fed via a nozzle 21 to the treatment tank 3.

Abstract (de)
Die Erfindung betrifft ein Verfahren sowie eine Vorrichtung zur kontinuierlichen Naß-in-Naß-Behandlung einer Warenbahn, wobei unter Verwendung eines Behandlungsbades von geringem Inhalt eine stetig regelnde Nachsatzdosierung erfolgt, bei der ständig genau die Menge an Behandlungsflotte nachgesetzt wird, die gerade von der auslaufenden Warenbahn verschleppt wird. Hierdurch läßt sich die Badkonzentration mit hoher Genauigkeit konstant halten, und es wird außerdem das Badgleichgewicht rasch erreicht.

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