

Title (en)

METHOD AND APPARATUS FOR THE WET-ON-WET TREATMENT OF TEXTILE MATERIALS

Publication

EP 0302219 B1 19920129 (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.

IPC 1-7

D06B 23/28

IPC 8 full level

D06B 23/28 (2006.01)

CPC (source: EP US)

D06B 23/28 (2013.01 - EP US)

Cited by

EP1203840A1

Designated contracting state (EPC)

CH DE FR GR IT LI SE

DOCDB simple family (publication)

EP 0302219 A2 19890208; EP 0302219 A3 19890809; EP 0302219 B1 19920129; DE 3725831 A1 19890216; DE 3868173 D1 19920312; GR 3003675 T3 19930316; JP S6445862 A 19890220; US 4947501 A 19900814

DOCDB simple family (application)

EP 88110344 A 19880629; DE 3725831 A 19870804; DE 3868173 T 19880629; GR 920400073 T 19920130; JP 18340588 A 19880722; US 22801388 A 19880803