

Title (en)

Method and device for dyeing a textile sheet-like material.

Title (de)

Verfahren zum Färben einer textilen Stoffbahn und Vorrichtung zum Durchführen des Verfahrens.

Title (fr)

Procédé et appareil de teinture d'une matière textile en bande.

Publication

EP 0546275 A1 19930616 (DE)

Application

EP 92117364 A 19921010

Priority

DE 4140600 A 19911210

Abstract (en)

[origin: JPH05272051A] PURPOSE: To enable color characteristics to be amended by measuring the color characteristics of a belt material at the positions before and after a dye-fixing device connected to the rear part of a foulard vessel by a same color characteristic-detecting assembly when carrying out the dyeing by using the dyeing foulard vessel. CONSTITUTION: A textile belt material 1 is guided through a guide roller 2 and a dipping roller 3 into a dye liquid bath 5 in a foulard vessel 4 so as to penetrate a dye liquid bath 5, and dehydrated by the mutual pressing pressure of both rollers 8 of a squeezer 6 to a moist valve expressed by an initial moisture. The belt material 1 is traveled in a drying and dye-fixing device 13 via a color characteristic-detecting assembly 10 and a moisture-measuring device 11, and guided through a deflection roller 14 to a roller pair. The dried and fixed belt material fraction 16 is positioned in parallel to a belt material fraction 17 between rollers 15 and between the squeezer 6 and the dye-fixing device 13, and at the same distance from the detecting head part 21 of the color characteristic-detecting assembly 10. The detected and measured results by the color characteristic-detecting assembly 10 and the moisture-measuring device 11 are fed to a computer 23 and the squeezer 6 is thereby controlled.

Abstract (de)

Um beim Färben mit einem Färbefoulard Fehlfärbungen infolge unterschiedlichen Stoffbahnverhaltens und/oder unterschiedlicher Farbtypen frühzeitig zu erkennen und korrigierend in die Arbeit des Foulards einzugreifen, wird die Farbe der Stoffbahn (1) vor und nach einer dem Foulard nachgeschalteten Trocken- bzw. Farbfixiereinrichtung (13) mit Hilfe ein und desselben Farbmeßgeräts (10) jeweils unmittelbar gemessen. Das Meßergebnis wird zur Steuerung des Quetschwerks (6) des Foulards und zur Korrektur der zugehörigen Programmierung herangezogen. <IMAGE>

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IPC 8 full level

D06B 3/18 (2006.01); **D06B 23/26** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [Y] CA 1169140 A 19840612 - SENTROL SYSTEMS LTD
- [YD] DE 3925444 A1 19910207 - MONFORTS GMBH & CO A [DE]
- [A] EP 0093446 A1 19831109 - HOECHST AG [DE]
- [A] US 3811834 A 19740521 - SCHWEMMER M, et al

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