Title (en)

Combination type automatic dye- preparation/metering dyeing system

Title (de)

Automatisches Farbstoffherstellungs-/-messfärbkombinationssystem

Title (fr)

Système de préparation de coloration/dosage automatique de type à combinaison

Publication

EP 2789721 B1 20180110 (EN)

Application

EP 13163348 A 20130411

Priority

EP 13163348 A 20130411

Abstract (en)

[origin: EP2789721A1] A combination type auto dye-preparation/metering dyeing system includes a liquid dispensing module (3) for metering a dye solution to be dispensed, a receptacle input module (5) for carrying receptacles (81), a rotary table module (2) for transferring each receptacle (81) to a weighing scale (80) to receive a predetermined amount of the dye solution dispensed by the liquid dispensing module (3), a standard concentration liquid preparation module (4) for preparing the desired dye solution for the liquid dispensing module (3), a receptacle output module (6) for receiving the receptacles (81) with the dispensed dye solution from the rotary table module (2), a dyeing module (7) for transferring the dye solution from the receptacles (81) to respective dyeing container (51), and a control unit (1) for controlling the operation of each part of the combination type auto dye-preparation/metering dyeing system. The combination of the system can be selectively set to fit the requirements of different clients.

IPC 8 full level

D06B 23/20 (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)

B01F 33/841 (2022.01); **D06B 23/205** (2013.01)

Cited by

CN107144327A; CN113512840A; CN106621945A; CN109989205A; CN109433045A; CN113916339A; US11452355B2; WO2020125374A1; JP2019533615A

Designated contracting state (EPC)

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