

Title (en)

Multi-container dyeing machine with individual container temperature control and quantitative chemical-feeding control

Title (de)

Färbemaschine mit mehreren Behältern mit individueller Behältertemperatursteuerung und Steuerung der Chemikalienmengenzuführung

Title (fr)

Machine de teinture à plusieurs récipients avec commande de température de récipient individuel et commande d'alimentation chimique quantitative

Publication

EP 2385162 A1 20111109 (EN)

Application

EP 11156413 A 20110301

Priority

TW 99206587 U 20100413

Abstract (en)

A multi-container dyeing machine includes a machine frame base, a heating and cooling module having multiple temperature-controlled heating and cooling devices each consisting of a housing, a container, a heating unit, a temperature sensor, a transmission wheel and an electric fan and a mounting plate mounted in the machine frame base to carry the temperature-controlled heating and cooling devices, an automatic quantitative feeder for selectively feeding an auxiliary agent to the containers of the temperature-controlled heating and cooling devices selectively without interrupting the machine and a swinging mechanism controllable to tilt the mounting plate of heating and cooling module and the temperature-controlled heating and cooling devices.

IPC 8 full level

D06B 23/10 (2006.01)

CPC (source: EP US)

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Citation (applicant)

US 6302168 B1 20011016 - HU HUGO [TW]

Citation (search report)

- [A] US 6003346 A 19991221 - HSU MIN-CHUNG [TW]
- [A] EP 1277869 A2 20030122 - HSU MIN-CHUNG [TW]
- [A] CH 684010 A5 19940630 - SALVIS AG
- [A] DE 513285 C 19301125 - IG FARBENINDUSTRIE AG
- [A] EP 0686719 A1 19951213 - SALVIS AG [CH]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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