

Title (en)

DYEING WITH REACTIVE DYESTUFFS IN STANDING BATHS FOLLOWING THE EXHAUSTION PROCESS

Publication

EP 0455055 A3 19920226 (DE)

Application

EP 91106186 A 19910418

Priority

DE 4013987 A 19900501

Abstract (en)

[origin: JPH04228686A] PURPOSE: To remarkably save the consumption of salt in the continuous dyeing of a cellulose fiber with a reactive dye using the single bath exhaust dyeing method by reusing a standing bath having the volume of residual bath, salt content and pH adjusted to the values necessary for the next dyeing operation. CONSTITUTION: A cellulose fiber is dyed with a reactive dye in a standing bath by using a dyeing machine preferably provided with an automatic control device and a conductivity measuring cell, adding some amount of fresh water to the residual liquid used in the former dyeing operation to adjust the volume to the level suitable for the next dyeing operation, adjusting the salt content and pH to the levels suitable for the next dyeing operation using the replenishing amounts of salt and dilute hydrochloric acid and carrying out exhaustion dyeing using the dye used in the former dyeing operation or using a dye having different hue. A dyed product having good hue can be produced while remarkably saving the consumption of salt.

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D06P 3/66; **D06P 1/382**; **D06P 1/384**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] EP 0204656 A1 19861210 - CIBA GEIGY AG [CH]
- [A] FR 1504076 A 19671201 - ICI LTD

Cited by

CN104018309A; CN109778561A; CN104195848A; CN103233332A

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