

Title (en)

Dyeing with reactive dyestuffs in standing baths following the exhaustion process.

Title (de)

Färben mit Reaktivfarbstoffen aus stehenden Bädern nach dem Ausziehverfahren.

Title (fr)

Teinture avec des colorants réactifs en bains fixes suivant le procédé par épuisement.

Publication

**EP 0455055 B1 19940316 (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.

IPC 1-7

**D06P 3/66**; **D06P 1/382**; **D06P 1/384**; **D06P 1/00**

IPC 8 full level

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CPC (source: EP US)

**D06P 1/002** (2013.01 - EP US); **D06P 1/382** (2013.01 - EP US); **D06P 1/384** (2013.01 - EP US); **D06P 3/663** (2013.01 - EP US); **D06P 3/666** (2013.01 - EP US); **Y10S 8/918** (2013.01 - US)

Cited by

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