

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 A2 19911106 (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.

Abstract (de)

Ein Verfahren zum aufeinanderfolgenden Färben von Cellulosefasermaterialien mit Reaktivfarbstoffen nach dem Ausziehverfahren aus einem einzigen Bad, ist dadurch gekennzeichnet, daß man das für die vorhergehende Färbung benutzte erschöpfte Bad nach Einstellung des für die jeweils nächste Färbung erforderlichen Volumens, Salzgehaltes und Anfangs-pH-Wertes ohne weitere Reinigungsoperation wiederverwendet.

IPC 1-7

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

IPC 8 full level

D06P 1/00 (2006.01); **D06P 1/382** (2006.01); **D06P 1/384** (2006.01); **D06P 3/66** (2006.01)

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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EP 0455055 A2 19911106; **EP 0455055 A3 19920226**; **EP 0455055 B1 19940316**; DE 4013987 A1 19911107; DE 59101179 D1 19940421; JP H04228686 A 19920818; US 5139533 A 19920818

DOCDB simple family (application)

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