

Title (en)

Process for the fixation of dyes.

Title (de)

Verfahren zum Fixieren von Farbstoffen.

Title (fr)

Procédé pour la fixation de colorants.

Publication

**EP 0466648 A1 19920115 (DE)**

Application

**EP 91810520 A 19910703**

Priority

CH 232590 A 19900712

Abstract (en)

[origin: JPH04241179A] PURPOSE: To obtain a dyed product with high dye fixation rate and color fastness by fixing a dye having polymerizable specific group to a product dyed with the above dye together with a specific colorless compound using ionizing radiation. CONSTITUTION: This dyed product with a high dye fixation rate and color fastness (washing and light fastness) is obtained by padding a fiber material (e.g. natural fibers, synthetic fibers, glass fibers) with an aqueous solution containing a dye containing polymerizable double bond or polymerizable ring system such as acryloyl group, α-bromoacryloyl group, α-chloroacryloyl group or vinylsulfonyl group and a colorless compound containing at least one polymerizable double bond (e.g. an acrylate, diacrylate, acrylic acid) followed by squeezing and then irradiating the resultant moist fiber material with ionizing radiation pref. in a protective gas atmosphere (e.g. nitrogen gas).

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Fixieren von Farbstoffen auf Fasermaterialien, welches dadurch gekennzeichnet ist, dass man Farbstoffe, welche mindestens eine polymerisierbare Doppelbindung und/oder mindestens ein polymerisierbares Ringsystem enthalten, zusammen mit mindestens einer farblosen Verbindung, welche mindestens eine polymerisierbare Doppelbindung enthält, ausgenommen N-C1-C4-Alkylolacrylamid und N,N-Di-(C1-C4-alkyloxy)-acrylamid, mit ionisierender Strahlung auf feuchtem Fasermaterial fixiert.

IPC 1-7

**D06P 1/38; D06P 1/52; D06P 5/20**

IPC 8 full level

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CPC (source: EP US)

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**Y10S 8/926** (2013.01 - US); **Y10S 8/927** (2013.01 - US); **Y10S 8/928** (2013.01 - US)

Citation (search report)

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