

Title (en)

Process for simultaneously dyeing and removing brightening agents from synthetic fibers

Title (de)

Verfahren zum gleichzeitigen Avivage-Entfernen und Einfärben von Synthefasern

Title (fr)

Procédé pour teindre et enlever simultanément les agents d'avivage des fibres synthétiques

Publication

EP 0881324 A2 19981202 (DE)

Application

EP 98108748 A 19980514

Priority

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- DE 19736923 A 19970825

Abstract (en)

A process for the simultaneous removal of brightening agents and dyeing of synthetic fibres or materials containing the fibres, that have been treated with mineral oil and/or silicone oil brightening agents is claimed. The synthetic fibres or textile material is treated with an aqueous composition containing: (A) an anionic or amphoteric surfactant (B) a colouring agent consisting of an acid dye, metal complex dye or dispersion dye and (C) optionally a non-ionic surfactant, terpene hydrocarbon, terpene alcohol, sorbitol ester and/or mannitol ester and the corresponding oxalate, fatty acid ethanolamide, alkylpolyglycoside or solvent, at pH 4.0-7.5, 80-110 degrees C and at a goods to liquor ratio of 1:5 - 1:100.

Abstract (de)

Synthefasern oder daraus hergestellte textile Materialien, die mit Mineralöl-Avivagen, Silikonöl-Avivagen oder beiden beaufschlagt sind, können in einer Flotte gleichzeitig von diesen Avivagen befreit und eingefärbt werden. Die Flotte enthält als wesentliche Inhaltsstoffe a) anionische und/oder amphotere Tenside, b) Farbstoffe und c) gegebenenfalls weitere Stoffe aus der Gruppe der nichtionischen Tenside, der Terpenkohlenwasserstoffe/-alkohole, Sorbitester und deren Oxalkylate, Fettsäureethanolamide, Alkylpolyglykoside und Lösungsmittel. Die Behandlung wird bei pH 4,0 bis 7,5 bei 80-110 °C und bei einem Flottenverhältnis 1:5 bis 1:100 durchgeführt.

IPC 1-7

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CPC (source: EP US)

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