

Title (en)

A CHEMICAL SYSTEM FOR PROVIDING FIBROUS MATERIALS WITH STAIN RESISTANCE

Title (de)

CHEMISCHES SYSTEM UM FASERMATERIAL FLECKENBESTÄNDIGKEIT ZU VERLEIHEN

Title (fr)

PROCEDE CHIMIQUE PERMETTANT DE CONFERER A DES MATIERES FIBREUSES UNE RESISTANCE AUX TACHES

Publication

EP 0658224 B1 19970521 (EN)

Application

EP 93920404 A 19930827

Priority

- AU PL446592 A 19920902
- AU PL799693 A 19930324
- US 9308126 W 19930827

Abstract (en)

[origin: WO9405848A1] Method for imparting stain resistance to fibers, especially wool, which is adaptable to current wool processing methods. Steps comprise: A) treating fibers with a mordant; B) treatment with a combination of sulfonated or disulphonated surfactant together with a stain resist (e.g., syntan); and C) providing treatment with a fluorochemical in either step A, or B, in an amount sufficient to improve stain resistant properties. The improved method may be undertaken in the liquor remaining in a dye bath after dyeing fiber (spent bath process). Process pH is acid - 1.5 - 3.0 percent. Advantage: lowers the proportion of stain resist chemical to wool necessary to impart stain resistance. Tip sealing, using polymethacrylic resin and fluorochemical, may be an added step.

IPC 1-7

D06P 1/673

IPC 8 full level

C11D 17/00 (2006.01); **D06M 13/432** (2006.01); **D06M 15/277** (2006.01); **D06M 15/41** (2006.01); **D06M 15/576** (2006.01); **D06P 1/673** (2006.01); **D06P 5/00** (2006.01); **D06P 5/04** (2006.01); **D06P 5/10** (2006.01)

CPC (source: EP)

D06M 13/432 (2013.01); **D06M 15/277** (2013.01); **D06M 15/412** (2013.01); **D06M 15/576** (2013.01); **D06P 1/67341** (2013.01); **D06M 2101/10** (2013.01); **D06M 2101/12** (2013.01); **D06M 2200/40** (2013.01)

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

WO 9405848 A1 19940317; CA 2139737 A1 19940317; DE 69310920 D1 19970626; DE 69310920 T2 19970904; EP 0658224 A1 19950621; EP 0658224 B1 19970521; JP H08500648 A 19960123; NZ 255913 A 19960227

DOCDB simple family (application)

US 9308126 W 19930827; CA 2139737 A 19930827; DE 69310920 T 19930827; EP 93920404 A 19930827; JP 50735494 A 19930827; NZ 25591393 A 19930827