

Title (en)

Process for preventing or minimizing dye redeposition using polyester

Title (de)

Verfahren zum Verhindern bzw. Minimieren der Farbredeposition unter Verwendung von Polyestern

Title (fr)

Procédé pour éviter ou minimiser la redeposition de couleur par utilisation de polyester

Publication

EP 2009087 A3 20090107 (DE)

Application

EP 08016119 A 20041210

Priority

- EP 04802921 A 20041210
- DE 10358097 A 20031210

Abstract (en)

[origin: EP2009087A2] A method for inhibiting or minimizing dye redeposition in decolorization of a dyed fabric containing cotton fibers involves contacting the fabric during the process with a redeposition inhibitor consisting of a polyester (I), obtained from (a) dicarboxylic acids, (b) 2-6C diols and (c) polyether alcohols containing 1 or 2 OH groups and at least 6 O atoms, where (a), (b) and (c) form more than 80 wt. % of the monomers incorporated in (I).

IPC 8 full level

C11D 3/37 (2006.01); **C11D 11/00** (2006.01); **D06P 5/08** (2006.01)

CPC (source: EP US)

C11D 3/0021 (2013.01 - EP US); **C11D 3/3715** (2013.01 - EP US); **D06P 5/08** (2013.01 - EP US)

Citation (search report)

- [DA] WO 9967350 A1 19991229 - SEYDEL RESEARCH INC [US], et al
- [A] US 5486297 A 19960123 - MARIN-CARRILLO EDGAR M [VE], et al
- [A] DATABASE WPI Section Ch Week 200260, Derwent World Patents Index; Class A23, AN 2002-561125, XP002322653

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005056742 A1 20050623; AT E414758 T1 20081215; BR PI0417424 A 20070306; CA 2549108 A1 20050623; CN 1890361 A 20070103; DE 10358097 A1 20050714; DE 502004008502 D1 20090102; DK 1692251 T3 20090323; EP 1692251 A1 20060823; EP 1692251 B1 20081119; EP 2009087 A2 20081231; EP 2009087 A3 20090107; ES 2318356 T3 20090501; JP 2007514064 A 20070531; PT 1692251 E 20090218; TN SN06177 A1 20071115; US 2008028539 A1 20080207

DOCDB simple family (application)

DE 2004002716 W 20041210; AT 04802921 T 20041210; BR PI0417424 A 20041210; CA 2549108 A 20041210; CN 200480036959 A 20041210; DE 10358097 A 20031210; DE 502004008502 T 20041210; DK 04802921 T 20041210; EP 04802921 A 20041210; EP 08016119 A 20041210; ES 04802921 T 20041210; JP 2006543359 A 20041210; PT 04802921 T 20041210; TN SN06177 A 20060609; US 58230604 A 20041210