

Title (en)
TEXTILE TREATMENT

Title (de)
TEXTILBEHANDLUNG

Title (fr)
TRAITEMENT POUR TEXTILES

Publication
EP 0970058 A1 20000112 (EN)

Application
EP 98905527 A 19980219

Priority
• GB 9800526 W 19980219
• GB 9704386 A 19970303

Abstract (en)
[origin: WO9839308A1] A compound of formula (I) wherein: R<1> and R<2> each independently represents arylamino, diphenylamino, benzylamino or dibenzylamino, and Z represents a leaving group. In general the group -SO₂-CH₂-CH₂-Z is a blocked vinylsulphone and in some cases it is advantageous to use the free vinylsulphone. The leaving group Z may comprise, for example, sulphato (-OSO₃<->), S-thiosulphato (-SSO₃<->), Sarcosine, N-methyltaurine, N,N-dialkyl acetate (-O-CO-CH₃), acyloxy (-O-CO-R, where R is alkyl e.g. C₁-C₅), phosphato (-OPO<->3), or a halogen. Activation of the leaving group is usually by means of heating in slightly acidic baths to produce the fibre reactive vinylsulphone. Alternatively the free reactive vinylsulphone may be pre-formed and applied to the fabric as a dispersion. The compounds of the invention contain more aromatic rings which are <u>not</u> substituted with vinylsulphone groups which has been found to improve pi-bonding. In addition the pi system of the present invention is planar, which has been found to be crucial to increasing the affinity of the fibres to disperse dyes as well as imparting shrink resistance and other properties to the fabric.

IPC 1-7
C07D 251/70; **D06M 13/358**; **D06P 1/642**; **D06P 5/22**

IPC 8 full level
C07D 251/70 (2006.01); **D06M 13/278** (2006.01); **D06M 13/358** (2006.01); **D06M 13/432** (2006.01); **D06P 1/642** (2006.01); **D06P 1/649** (2006.01); **D06P 5/22** (2006.01); **D06P 3/14** (2006.01); **D06P 3/26** (2006.01); **D06P 3/60** (2006.01)

CPC (source: EP KR)
C07D 251/70 (2013.01 - EP KR); **D06M 13/278** (2013.01 - EP); **D06M 13/358** (2013.01 - EP); **D06M 13/432** (2013.01 - EP); **D06P 1/6426** (2013.01 - EP); **D06P 1/6491** (2013.01 - EP); **D06P 5/22** (2013.01 - EP); **D06P 5/225** (2013.01 - EP); **D06P 3/143** (2013.01 - EP); **D06P 3/26** (2013.01 - EP); **D06P 3/6033** (2013.01 - EP)

Citation (search report)
See references of WO 9839308A1

Designated contracting state (EPC)
BE DE ES FR GB IE IT PT

DOCDB simple family (publication)
WO 9839308 A1 19980911; AU 6108998 A 19980922; BR 9807991 A 20000308; CA 2283218 A1 19980911; CN 1258287 A 20000628; EP 0970058 A1 20000112; GB 9704386 D0 19970423; ID 23418 A 20000420; JP 2001501973 A 20010213; KR 20000075922 A 20001226

DOCDB simple family (application)
GB 9800526 W 19980219; AU 6108998 A 19980219; BR 9807991 A 19980219; CA 2283218 A 19980219; CN 98804070 A 19980219; EP 98905527 A 19980219; GB 9704386 A 19970303; ID 991145 A 19980219; JP 53825398 A 19980219; KR 19997008002 A 19990903