

Title (en)  
METHOD OF IMPROVING THERMAL STABILITY

Title (de)  
VERFAHREN ZUR VERBESSERUNG DER THERMOSTABILITÄT

Title (fr)  
PROCEDE D'AMELIORATION DE STABILITE THERMIQUE

Publication  
**EP 1817452 A1 20070815 (EN)**

Application  
**EP 05811066 A 20051019**

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Abstract (en)  
[origin: WO2006045721A1] The invention relates to a method of improving the thermal stability of natural or synthetic polyamide fibre materials that are undyed, fluorescent whitened or dyed with reactive or disperse dyes, with the exception of metal complex dyes, wherein the fibre material is treated with a liquor comprising a compound of formula (1)  $Y<SUB>1</SUB>-X-Y<SUB>2</SUB>$  (1) wherein X is a divalent aliphatic or cycloaliphatic radical and Y<SUB>1</SUB> and Y<SUB>2</SUB> are each independently of the other -OH, -CO-OR<SUB>1</SUB>, -NR<SUB>1</SUB>-R<SUB>2</SUB>, -CO-NH-NR<SUB>1</SUB>-R<SUB>2</SUB> or -NH-CO-NH-NR<SUB>1</SUB>-R<SUB>2</SUB>, wherein R<SUB>1</SUB> and R<SUB>2</SUB> are each independently of the other hydrogen; C<SUB>1</SUB>-C<SUB>12</SUB>-alkyl unsubstituted or substituted by one or more hydroxy, amino or carboxyl groups or halogen atoms; C<SUB>5</SUB>-C<SUB>24</SUB>-aryl unsubstituted or substituted by one or more hydroxy, amino or carboxyl groups or halogen atoms; C<SUB>6</SUB>-C<SUB>36</SUB>-aralkyl unsubstituted or substituted by one or more hydroxy, amino or carboxyl groups or halogen atoms; or C<SUB>5</SUB>-C<SUB>24</SUB>-cycloalkyl unsubstituted or substituted by one or more hydroxy, amino or carboxyl groups or halogen atoms.

IPC 8 full level  
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