

Title (en)  
PROCESS FOR THE TREATMENT OF TEXTILE FIBRE MATERIALS

Title (de)  
PROZESS ZUM BEHANDELN VON TEXTILEN FASERMATERIALIEN

Title (fr)  
PROCEDE DE TRAITEMENT DE MATERIAUX FIBREUX TEXTILES

Publication  
**EP 1478724 A1 20041124 (EN)**

Application  
**EP 03706527 A 20030218**

Priority  

- EP 03706527 A 20030218
- EP 0301619 W 20030218
- EP 02405136 A 20020225
- EP 02405876 A 20021011

Abstract (en)  
[origin: WO03070870A1] A detergent composition comprising at least one compound of formula wherein R1 and R2 are, independently of each other, hydrogen or unsubstituted or substituted C1-C8alkyl, X1, X2, X3 and X4 are, independently of each other, -NR3R4 or -OR5, wherein R3 and R4 are hydrogen cyano C1-C8alkyl which is unsubstituted or substituted by hydroxy, carboxy, cyano, -CONH2 or phenyl and wherein the C1-C8alkyl group is uninterrupted or interrupted by -O- unsubstituted or Cl-C4alkyl-substituted C5-C7cycloalkyl or R3 and R4, together with the nitrogen atom linking them, form an unsubstituted or C1-C4alkyl-substituted morpholino, piperidine or pyrrolidine ring R5 is C1-C8alkyl which is unsubstituted or substituted by hydroxy, and M is hydrogen or a cation, and wherein the detergent contains a peroxide, a peroxide activator and/or a bleaching catalyst.

IPC 1-7  
**C11D 3/42; C11D 3/39**

IPC 8 full level  
**D06L 1/12** (2006.01); **B08B 3/08** (2006.01); **B08B 3/10** (2006.01); **C09B 57/00** (2006.01); **C11D 3/28** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 3/42** (2006.01); **C11D 10/02** (2006.01); **D06L 3/02** (2006.01); **D06L 3/12** (2006.01); **D06L 4/40** (2017.01)

CPC (source: EP)  
**C11D 3/3905** (2013.01); **C11D 3/42** (2013.01); **C11D 3/3907** (2013.01); **C11D 3/3932** (2013.01)

Citation (search report)  
See references of WO 03070870A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**WO 03070870 A1 20030828**; AR 038582 A1 20050119; AR 038583 A1 20050119; AR 067835 A2 20091028; AT E340242 T1 20061015; AT E340847 T1 20061015; AU 2003205777 A1 20030909; AU 2003205777 B2 20080131; AU 2003208870 A1 20030909; AU 2003208870 B2 20080515; BR 0306184 A 20041019; BR 0306184 B1 20130827; BR 0306187 A 20041019; BR PI0306187 B1 20210112; CN 1294247 C 20070110; CN 1294248 C 20070110; CN 1596299 A 20050316; CN 1596300 A 20050316; DE 60308485 D1 20061102; DE 60308485 T2 20070906; DE 60308661 D1 20061109; DE 60308661 T2 20070809; EP 1478724 A1 20041124; EP 1478724 B1 20060920; EP 1485460 A1 20041215; EP 1485460 B1 20060927; EP 1715029 A2 20061025; EP 1715029 A3 20090401; EP 1715029 B1 20150923; EP 1724333 A1 20061122; ES 2271529 T3 20070416; ES 2271534 T3 20070416; ES 2556971 T3 20160121; JP 2005517800 A 20050616; JP 2005517801 A 20050616; JP 4567975 B2 20101027; JP 4567976 B2 20101027; TW 200303358 A 20030901; TW 200303386 A 20030901; TW I324177 B 20100501; TW I332045 B 20101021; WO 03070869 A1 20030828; ZA 200402941 B 20050223; ZA 200402942 B 20050223

DOCDB simple family (application)  
**EP 0301619 W 20030218**; AR P030100572 A 20030221; AR P030100573 A 20030221; AR P070103604 A 20070814; AT 03702652 T 20030218; AT 03706527 T 20030218; AU 2003205777 A 20030218; AU 2003208870 A 20030218; BR 0306184 A 20030218; BR 0306187 A 20030218; BR PI0306187 A 20030218; CN 03801604 A 20030218; CN 03801616 A 20030218; DE 60308485 T 20030218; DE 60308661 T 20030218; EP 0301618 W 20030218; EP 03702652 A 20030218; EP 03706527 A 20030218; EP 06118792 A 20030218; EP 06118810 A 20030218; ES 03702652 T 20030218; ES 03706527 T 20030218; ES 06118792 T 20030218; JP 2003569763 A 20030218; JP 2003569764 A 20030218; TW 92103771 A 20030224; TW 92103773 A 20030224; ZA 200402941 A 20040419; ZA 200402942 A 20040419