

Title (en)

PRE-TREATMENT LIQUOR FOR PREPARING TEXTILE SUBSTRATES FOR INKJET PRINTING

Title (de)

VORBEHANDLUNGSFLOTTE ZUR VORBEREITUNG VON TEXTILEN SUBSTRATEN FÜR DEN INK-JET-DRUCK

Title (fr)

BAIN DE PRETRAITEMENT DE SUBSTRATS TEXTILES DESTINE A L'IMPRESSION A JET D'ENCRE

Publication

**EP 1549798 B1 20090701 (DE)**

Application

**EP 03756468 A 20030924**

Priority

- DE 10244998 A 20020926
- EP 0310632 W 20030924

Abstract (en)

[origin: US2006010619A1] Aqueous pretreatment liquor for preparing a textile substrate for inkjet printing, comprising (A) one or more polycationic compounds, (B) one or more thickeners, (C) optionally customary additives, (C) water. Preferred polycationic compounds (A) are polymers or copolymers of diallyldialkylammonium monomers. Preferred thickeners are obtainable from (i) polyetherdiols, (ii) diisocyanates and (iii) compounds, R of the general formula R-OH, R-SH, R-NH<SUB>2</SUB>, RR NH or R-COOH, where R is a hydrophobic aliphatic or aromatic radical of at least 4 carbon atoms and R-OH may have been alkoxylated, and also further derivatives thereof that are capable of forming a urethane, thiourethane or urea bond, or from (i) polyetherdiols with (iv) compounds of the general formula R-OH or R-COOH, where R is a hydrophobic aliphatic or aromatic radical of at least 4 carbon atoms and R-OH may have been alkoxylated, and also further derivatives thereof that are capable of forming an ether or ester bond, and or from compounds (ii) and (iii).

IPC 8 full level

**D06P 1/52** (2006.01); **D06M 15/356** (2006.01); **D06P 1/607** (2006.01); **D06P 1/613** (2006.01); **D06P 1/649** (2006.01); **D06P 5/00** (2006.01); **D06P 5/30** (2006.01)

CPC (source: EP US)

**D06M 15/3562** (2013.01 - EP US); **D06P 1/5242** (2013.01 - EP US); **D06P 1/607** (2013.01 - EP US); **D06P 1/613** (2013.01 - EP US); **D06P 1/649** (2013.01 - EP US); **D06P 5/30** (2013.01 - EP US)

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 RO SE SI SK TR

DOCDB simple family (publication)

**US 2006010619 A1 20060119**; AT E435327 T1 20090715; AU 2003299147 A1 20040423; DE 10244998 A1 20040401; DE 50311669 D1 20090813; EP 1549798 A1 20050706; EP 1549798 B1 20090701; JP 2006501376 A 20060112; JP 4096036 B2 20080604; WO 2004031473 A1 20040415

DOCDB simple family (application)

**US 52907805 A 20050324**; AT 03756468 T 20030924; AU 2003299147 A 20030924; DE 10244998 A 20020926; DE 50311669 T 20030924; EP 0310632 W 20030924; EP 03756468 A 20030924; JP 2004540693 A 20030924