

Title (en)

DETERGENT COMPOSITIONS COMPRISING MODIFIED POLYAMINES AS DYE TRANSFER INHIBITORS

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND MODIFIZIERTE POLYAMINE ALS FARBSTOFFÜBERTRAGUNGSINHIBITOREN

Title (fr)

COMPOSITIONS DETERGENTES CONTENANT DES POLYAMINES MODIFIEES INHIBANT LE TRANSFERT DE COULEUR

Publication

EP 0907703 A1 19990414 (EN)

Application

EP 97921413 A 19970425

Priority

- US 9707056 W 19970425
- US 1652696 P 19960503

Abstract (en)

[origin: WO9742291A1] Laundry detergent compositions which can be used to wash dye-containing colored fabrics and which contain bleach stable, modified polyamine additives that inhibit dye transfer between fabrics during laundering operations and a dye transfer inhibition agent. Also methods for laundering dye-containing colored fabrics in aqueous solutions comprising the fabric surface modifying polyamines useful in the present invention compositions.

IPC 1-7

C11D 3/37; **C11D 1/83**

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP)

C11D 3/0021 (2013.01); **C11D 3/0036** (2013.01); **C11D 3/37** (2013.01); **C11D 3/3715** (2013.01); **C11D 3/3719** (2013.01); **C11D 3/3723** (2013.01); **C11D 3/3792** (2013.01); **C11D 3/38618** (2013.01); **C11D 3/38645** (2013.01)

Cited by

CN103276615A; CN102493234A; WO2018085386A1; WO2018085306A1; WO2011047987A1; WO2012119859A1; WO2014114570A1; WO2022175363A1; WO2022175364A1; WO2023041739A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9742291 A1 19971113; AR 006951 A1 19990929; AT E219788 T1 20020715; AU 2745597 A 19971126; BR 9710960 A 20001024; CZ 354798 A3 19990414; DE 69713598 D1 20020801; DE 69713598 T2 20030220; EP 0907703 A1 19990414; EP 0907703 B1 20020626; ES 2176736 T3 20021201; HU P9903943 A2 20000328; HU P9903943 A3 20011029; JP 3202246 B2 20010827; JP H11509268 A 19990817; MA 24166 A1 19971231; MX 219071 B 20040210; MX 9809171 A 19990331; ZA 973756 B 19971204

DOCDB simple family (application)

US 9707056 W 19970425; AR P970101828 A 19970502; AT 97921413 T 19970425; AU 2745597 A 19970425; BR 9710960 A 19970425; CZ 354798 A 19970425; DE 69713598 T 19970425; EP 97921413 A 19970425; ES 97921413 T 19970425; HU P9903943 A 19970425; JP 53996897 A 19970425; MA 24585 A 19970502; MX 9809171 A 19981103; ZA 973756 A 19970430