

Title (en)

Bleaching composition comprising substantially linear nonionic surfactants

Title (de)

Bleichmittelzusammensetzung enthaltend im wesentlichen lineare nichtionische Tenside

Title (fr)

Composition de blanchiment comportant des agents tensioactifs nonioniques sensiblement linéaires

Publication

**EP 1024188 B1 20050316 (EN)**

Application

**EP 99870013 A 19990126**

Priority

EP 99870013 A 19990126

Abstract (en)

[origin: EP1024188A1] The present invention relates to a liquid bleaching composition comprising a bleach and a substantially linear nonionic surfactant, whereby said substantially linear nonionic surfactant has the general formula : R-(A)<sub>x</sub>-(B)<sub>y</sub>-(C)<sub>z</sub>-O-R<sub>1</sub> wherein : R is an even numbered C6 to C22 alkyl chain or a mixture thereof, containing at least 90% linear alkyl chains; A is an ethoxy unit; B is a butoxy unit; C is a propoxy unit; x, y and z are independent integers of from 0 to 20; the sum of x+y+z is at least 1; and R<sub>1</sub> is H, a C6 to C22 alkyl chain or a C6 to C28 alkyl benzene chain. Furthermore, the present invention relates to the use of said substantially linear nonionic surfactant in a fabric bleaching composition comprising a bleach to treat a fabric whereby stain removal and/or bleaching benefits are provided.

IPC 1-7

**C11D 3/395**; **C11D 1/72**; **C11D 1/722**; **D06L 3/02**; **C11D 1/83**

IPC 8 full level

**D06L 3/02** (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01); **C11D 3/08** (2006.01); **C11D 3/10** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 17/08** (2006.01); **D06L 3/08** (2006.01); **D06L 4/75** (2017.01)

CPC (source: EP)

**C11D 1/72** (2013.01); **C11D 1/722** (2013.01); **C11D 3/3947** (2013.01); **C11D 3/3956** (2013.01)

Citation (examination)

- EP 0984058 A2 20000308 - HENKEL KGAA [DE]
- WO 0036071 A1 20000622 - HENKEL ECOLAB GMBH & CO OHG [DE], et al

Cited by

AU2006248768B2; WO2006123102A1; WO02102958A1

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)

**EP 1024188 A1 20000802**; **EP 1024188 B1 20050316**; AR 022426 A1 20020904; AT E291076 T1 20050415; AU 2968900 A 20000807; BR 0007717 A 20011113; CA 2358867 A1 20000727; CO 5210961 A1 20021030; DE 69924228 D1 20050421; DE 69924228 T2 20060330; ES 2239838 T3 20051001; JP 2002535447 A 20021022; PE 20010023 A1 20010215; TR 200102148 T2 20020121; WO 0043485 A1 20000727

DOCDB simple family (application)

**EP 99870013 A 19990126**; AR P000100332 A 20000126; AT 99870013 T 19990126; AU 2968900 A 20000120; BR 0007717 A 20000120; CA 2358867 A 20000120; CO 00003692 A 20000124; DE 69924228 T 19990126; ES 99870013 T 19990126; JP 2000594894 A 20000120; PE 0000482000 A 20000121; TR 200102148 T 20010120; US 0001386 W 20000120