

Title (en)
Fluorescent whitening agent formulation

Title (de)
Fluoreszierende Weissst ner-Formulierung

Title (fr)
Formulation d'agent de blanchiment fluorescent

Publication
EP 0837124 B1 20031203 (EN)

Application
EP 97810741 A 19971006

Priority
GB 9621421 A 19961015

Abstract (en)
[origin: EP0837124A2] The present invention provides a liquid fluorescent whitening agent formulation which is a solution having a viscosity of 50 to 5000 mPas, preferably 100 to 3500 mPas, especially 100 to 1000 mPas and which comprises: a) 10-25%, preferably 15-20% by weight of an anionic fluorescent whitening agent, based on the total weight of the formulation; b) 15-35%, preferably 20-30% by weight of a polar solvent, based on the total weight of the formulation; and c) 45-75%, preferably 50-70% by weight, based on the total weight of the formulation, of a nonionic surfactant having the formula: <CHEM> in which m is 1, 2, 3 or 4 and, when m is 1, R is a C8-C18-alkyl residue or a C8-C18-alkylcarboxy residue; when m is 2, R is a C2-C4alkylene glycol residue from which the two hydroxy groups have been removed; when m is 3, R is the residue of trimethylolpropane from which the three hydroxy groups have been removed; and when m is 4, R is the residue of pentaerythritol residue from which the four hydroxy groups have been removed; R1 is hydrogen, methyl or ethyl; and n is a number ranging from 1 to 40.

IPC 1-7
C11D 3/42; C11D 1/72; C11D 1/722; C11D 3/20; D06L 3/12

IPC 8 full level
D06L 3/12 (2006.01); **C11D 1/72** (2006.01); **C11D 1/825** (2006.01); **C11D 3/28** (2006.01); **C11D 3/34** (2006.01); **C11D 3/42** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP KR)
C11D 1/72 (2013.01 - EP KR); **C11D 1/8255** (2013.01 - EP); **C11D 3/0063** (2013.01 - KR); **C11D 3/3418** (2013.01 - KR); **C11D 3/42** (2013.01 - EP); **C11D 3/43** (2013.01 - KR); **C11D 1/722** (2013.01 - EP)

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JP2017509774A; US9951298B2; US6660705B1; WO0112771A1; WO2015106449A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0837124 A2 19980422; **EP 0837124 A3 19990120**; **EP 0837124 B1 20031203**; AU 4100097 A 19980423; AU 732991 B2 20010503; BR 9705030 A 19990615; CN 1165606 C 20040908; CN 1179466 A 19980422; DE 69726544 D1 20040115; DE 69726544 T2 20040930; ES 2210486 T3 20040701; GB 2318360 A 19980422; GB 9621421 D0 19961204; ID 18528 A 19980416; JP H10152695 A 19980609; KR 100503774 B1 20051013; KR 19980032785 A 19980725; MX 9707800 A 19980430; TW 400379 B 20000801; ZA 979178 B 19980415

DOCDB simple family (application)
EP 97810741 A 19971006; AU 4100097 A 19971014; BR 9705030 A 19971014; CN 97120441 A 19971014; DE 69726544 T 19971006; ES 97810741 T 19971006; GB 9621421 A 19961015; ID 973434 A 19971014; JP 28098797 A 19971015; KR 19970052433 A 19971014; MX 9707800 A 19971010; TW 86112472 A 19970830; ZA 979178 A 19971014