

Title (en)

DETERGENT COMPOSITIONS COMPRISING PHOTOBLEACHING DELIVERY SYSTEMS

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND PHOTOBLEICHFREISETZUNGSSYSTEME

Title (fr)

COMPOSITIONS DE DETERGENT CONTENANT DES SYSTEMES D'APPORT D'AGENT DE PHOTOBLANCHIMENT

Publication

EP 1159387 A1 20011205 (EN)

Application

EP 00921359 A 20000301

Priority

- US 0005408 W 20000301
- US 12300599 P 19990305

Abstract (en)

[origin: WO0052101A1] The present invention relates to certain compositions comprising specific photo-oxidising agents, which are a mixture of selected photo-oxidising component and selected polymers, which has an improved photo-oxidising performance, in particular due to the improved solubility and surface activity and the improved light absorption. The invention also provides a number of uses for these agents, including bleaching of hair and also paper, pulp and yarn; water-purification; disinfecting uses; photo-dynamic therapy.

IPC 1-7

C11D 3/16; C11D 3/39

IPC 8 full level

A01N 55/00 (2006.01); **A01N 55/02** (2006.01); **A01N 61/00** (2006.01); **A61F 13/00** (2006.01); **A61F 13/15** (2006.01); **A61K 8/58** (2006.01); **A61K 31/40** (2006.01); **A61K 41/00** (2006.01); **A61L 2/16** (2006.01); **A61L 15/20** (2006.01); **A61L 15/42** (2006.01); **A61L 15/46** (2006.01); **A61Q 5/08** (2006.01); **C02F 1/00** (2006.01); **C02F 1/50** (2006.01); **C02F 1/72** (2006.01); **C07B 33/00** (2006.01); **C09B 67/00** (2006.01); **C11D 3/00** (2006.01); **C11D 3/16** (2006.01); **C11D 3/20** (2006.01); **C11D 3/28** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/48** (2006.01); **D06L 3/00** (2006.01); **D06L 4/00** (2017.01); **D21C 9/10** (2006.01); **D21H 21/32** (2006.01); **C02F 1/30** (2006.01)

CPC (source: EP)

A01N 55/00 (2013.01); **A01N 61/00** (2013.01); **A61K 8/585** (2013.01); **A61K 41/0071** (2013.01); **A61L 2/16** (2013.01); **A61L 15/20** (2013.01); **A61L 15/46** (2013.01); **A61Q 5/08** (2013.01); **C02F 1/72** (2013.01); **C11D 3/0063** (2013.01); **C11D 3/168** (2013.01); **C11D 3/2068** (2013.01); **C11D 3/28** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/3776** (2013.01); **C11D 3/3792** (2013.01); **C11D 3/48** (2013.01); **D06L 4/00** (2016.12); **D21C 9/1036** (2013.01); **D21C 9/1063** (2013.01); **D21H 21/32** (2013.01); **A61L 2300/102** (2013.01); **A61L 2300/404** (2013.01); **C02F 1/30** (2013.01); **C02F 2103/42** (2013.01); **C02F 2303/04** (2013.01)

Citation (search report)

See references of WO 0052122A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0052101 A1 20000908; AR 022825 A1 20020904; AU 3094899 A 20000921; AU 4169500 A 20000921; BR 0008783 A 20020409; BR 9917226 A 20020226; EP 1159354 A1 20011205; EP 1159387 A1 20011205; MX PA01008952 A 20030721; MX PA01008987 A 20030721; WO 0052122 A1 20000908

DOCDB simple family (application)

US 9905795 W 19990317; AR P000100955 A 20000303; AU 3094899 A 19990317; AU 4169500 A 20000301; BR 0008783 A 20000301; BR 9917226 A 19990317; EP 00921359 A 20000301; EP 99912606 A 19990317; MX PA01008952 A 19990317; MX PA01008987 A 20000301; US 0005408 W 20000301