

Title (en)

AMMONIA-FREE COMPOSITION FOR DYEING KERATINOUS FIBRES

Title (de)

FÄRBEMITTEL ZUR FÄRBUNG KERATINISCHER FASERN OHNE AMMONIAK

Title (fr)

COMPOSITION POUR LA COLORATION DE FIBRES KERATINIQUES DEPOURVUE D'AMMONIAQUE

Publication

EP 1047385 A1 20001102 (FR)

Application

EP 99900972 A 19990120

Priority

- FR 9900114 W 19990120
- FR 9800738 A 19980123

Abstract (en)

[origin: FR2773992A1] Use of a combination of a quaternised diallyldimethylamine-acrylic acid copolymer, a quaternised silicone and an acrylic acid - itaconic acid copolymer esterified by a fatty alcohol and optionally polyoxyethylated, in ammonia-free oxidation hair dye compositions to improve dye penetration into the hair fibres. Ammonia-free composition for colouring keratinic fibres comprises: an oxidising agent (I), dye precursors (II), a non-volatile, odorless alkalisng agent (III) and a combination of a quaternised dimethyldiallylammonium/acrylic acid copolymer (IV), a quaternised silicone (V) and an acrylic acid/itaconic acid copolymer esterified by one or more fatty alcohols and optionally polyethoxylated (VI). An Independent claim is included covering a ternary complex of (IV), (V) and (VI) which is useful for the dyeing of keratinic fibres.

IPC 1-7

A61K 7/13; A61K 7/06

IPC 8 full level

A61K 8/22 (2006.01); **A61K 8/41** (2006.01); **A61K 8/81** (2006.01); **A61K 8/893** (2006.01); **A61K 8/895** (2006.01); **A61K 8/896** (2006.01);
A61K 8/898 (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP US)

A61K 8/22 (2013.01 - EP US); **A61K 8/41** (2013.01 - EP US); **A61K 8/8164** (2013.01 - EP US); **A61K 8/817** (2013.01 - EP US);
A61K 8/898 (2013.01 - EP US); **A61Q 5/10** (2013.01 - EP US)

Citation (search report)

See references of WO 9937278A1

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)

FR 2773992 A1 19990730; FR 2773992 B1 20000616; AU 2061099 A 19990809; AU 754260 B2 20021107; CA 2319266 A1 19990729;
EP 1047385 A1 20001102; US 6423101 B1 20020723; WO 9937278 A1 19990729

DOCDB simple family (application)

FR 9800738 A 19980123; AU 2061099 A 19990120; CA 2319266 A 19990120; EP 99900972 A 19990120; FR 9900114 W 19990120;
US 60083400 A 20001020