

Title (en)

OXIDATION DYEING COMPOSITION FOR KERATINOUS FIBRES AND DYEING METHOD USING SAME

Title (de)

OXIDATIONSFÄRBEMITTEL FÜR KERATINISCHE FASERN UND FÄRBUNGSVERFAHREN MIT DIESEM MITTEL

Title (fr)

COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION

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Application

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Priority

- FR 0100646 W 20010305
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Abstract (en)

[origin: FR2805739A1] Ready-to-use composition for oxidation dyeing of keratinic fibers comprises: at least one developer selected from p-phenylenediamine derivatives (I), at least one alkaline agent (II) selected from alkanolamines, diaminoalkanes and ammonia, and hydrogen peroxide. Ready-to-use composition for oxidation dyeing of keratinic fibers comprises: (a) at least one developer selected from p-phenylenediamine derivatives of formula (I); (b) at least one alkaline agent (II) selected from alkanolamines, diaminoalkanes and ammonia; and (c) hydrogen peroxide: R1 = CH2(CHOH)4CH2OH or (CH2CH2O)pR4: R2, R4 = H, alkyl, aryl or heterocyclyl; p = 2-8; R3 = halogen, alkyl, aryl, heterocyclyl, heterocycliloxy, heterocyclylthio, CN, NO2, OF, COOH, SO3H, alkoxy, aryloxy, cyanoamino, amino, anilino, ureido, sulfamoylamino, mono- or dialkylsulfamoylamino, alkylthio, arylthio, alkoxy-carbonylamino, sulfonamido, carbamoyl, mono- or dialkylcarbamoyl, silyl, silyloxy, aryloxy-carbonylamino, imido, sulfinyl, phosphonyl, aryloxy-carbonyl, acyl or SH, or multiple R3 groups can form a 3- to 6-membered ring; alkyl = optionally substituted 1-25C linear, branched or cyclic alkyl; alkoxy = 1-25C linear, branched or cyclic alkoxy; aryl = 6-26C aryl optionally substituted by alkyl, substituted alkyl or alkoxy; heterocyclyl = mono- or polycyclic heterocyclyl in which each ring has 3-6 members and can contain one or more heteroatoms; n = 0 - 4. alternatively: (a) R1 and R2 = (CH2)2CHOHCH2OH; or (b) R1 = alkyl, aryl or heterocyclyl and R2 = a (CH2)2 or (CH2)3 group (Q) that is attached to a C atom ortho to the NR1R2 group, provided that R1 or Q is substituted with a N-, O- or S-containing group when R1 is alkyl or aryl; or (c) NR1R2 is a 5- to 7-membered ring substituted with at least one N-, O- or S-containing group; provided that: (1) the compound contains no more than 3 OH groups when NR1R2 is a ring; (2) when NR1R2 is 2-carbamoyl-1-pyrrolidinyl, then n is nonzero or the pyrrolidine ring has at least 2 substituents; (3) when NR1R2 is 2-hydroxymethyl-1-pyrrolidinyl and n = 0 or 1, then the pyrrolidine ring either has at least 2 additional substituents or has one additional substituent other than 4-OH, or when NR1R2 is 2-hydroxymethyl-1-pyrrolidinyl and n = 1, then R3 is not alkyl, hydroxyalkyl or polyhydroxyalkyl; (4) when R2 is Q, then either: (i) the ring formed by Q has a substituent in addition to R1; (ii) n is more than 1; (iii) R3 is aryl or heterocyclyl when n = 1; or (iv) R1 is aryl, heterocyclyl or substituted alkyl other than monohydroxyalkyl when n = 0 or 1. An Independent claim is also included for a kit comprising a dye composition containing (I) in one compartment and an oxidizing composition containing (II) and hydrogen peroxide in another compartment.

IPC 1-7

A61K 7/13

IPC 8 full level

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