

Title (en)

Keratinic fibres oxidative dyeing composition and dyeing process

Title (de)

Oxydationsfärbungsmittel für keratinische Fasern und Färbungsverfahren

Title (fr)

Composition de teinture d'oxydation des fibres kératiniques et procédé de teinture

Publication

EP 1062938 A8 20010425 (FR)

Application

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Priority

FR 9906873 A 19990601

Abstract (en)

[origin: FR2794364A1] Ready-to-use composition for oxidation dyeing of keratinic fibers comprises: (a) at least one developer selected from p-phenylenediamines, bifunctional developers, p-aminophenols and heterocyclic developers; (b) a 4-electron oxidoreductase enzyme; and (c) a mediator capable of enhancing the activity of the enzyme. Ready-to-use composition for oxidation dyeing of keratinic fibers comprises at least one developer (A) selected from p-phenylenediamines of formula (I), bifunctional developers, p-aminophenols of formula (II) and heterocyclic developers : R1, R2 = H, 1-4C alkyl or 1-4C monohydroxyalkyl; R3 = H, halogen, 1-4C alkyl or 1-4C monohydroxyalkyl; R4 = H or 1-4C alkyl; R5, R6 = H, halogen, 1-4C alkyl, 1-4C monohydroxyalkyl, (1-4C)alkoxy(1-4C)alkyl, 1-4C aminoalkyl or (1-4C)monohydroxyalkylamino(1-4C)alkyl, at least one being H. a 4-electron oxidoreductase enzyme (B); and a mediator (C) of formula (III): A1, A2 = 1-30C (un)saturated aliphatic groups optionally substituted by OH, halogen, sulfo, carboxy, nitro or phenyl; 5- to 10-membered heterocyclic groups containing 1-4 heteroatoms, optionally substituted by 1-4C alkyl, halogen, phenyl, OH or 7-10C aralkyl; or 6-10C aryl groups optionally substituted by 1-4C alkyl, halogen, sulfo, carboxy, nitro, OH or nitroso; or A1 and A2 are linked to form a 5- to 18-membered ring optionally substituted by 1-4C alkyl, OH, phenyl, halogen, sulfo, carboxy or nitro; X = OH, O or S; m, n, p = 0 or 1. An Independent claim is also included for a kit comprising a compartment containing a composition comprising component (A) and a compartment containing a composition comprising components (B) and (C).

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