

Title (en)  
OXIDATION COLOURING AGENT WITH BIS (5-AMINO-2-HYDROXYPHENYL)-METHANE

Title (de)  
OXIDATIONSFÄRBEMITTEL MIT BIS-(5-AMINO-2-HYDROXYPHENYL)-METHAN UND/ODER 4-AMINO-2- 4--5'-AMINO-2'-HYDROXYPHENYL)-METHYL- PIPERAZINYL)-METHYL -PHENOL-TETRAHYDROCHLORID

Title (fr)  
COLORANTS D'OXYDATION CONTENANT DU BIS-(5-AMINO-2-HYDROXYPHENYL)-METHANE

Publication  
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Application  
**EP 02779546 A 20021111**

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Abstract (en)  
[origin: WO03041671A2] The invention relates to means for the colouring of keratin fibres, in particular of human hair, comprising a colouring precursor in a medium suitable for colouring a combination of a) bis (5-amino-2-hydroxyphenyl)-methane and/or 4-amino-2-((4-[5'-amino-2'-hydroxyphenyl)-methyl]piperazinyl)methyl)phenol tetrahydrochloride and b) at least one further colouring pre-cursor, selected from p-toluyldiamine, 2-(beta -hydroxyethyl)-p-phenylenediamine, 4-amino-3-methylphenol, 4-amino-2,6-dichlorophenol, 4-amino-2,6-dibromophenol, 4-amino-3-fluorophenol, 4-amino-2-aminomethylphenol, 4-amino-2-((diethylamino)methyl)phenol, 2-amino-4-methylphenol, 4-amino-2-methylphenol, 2-amino-5-methylphenol, 2-amino-4-chlorophenol, 4-amino-2-chlorophenol, 3,4-methylenedioxyaniline, 2-methyl-1-naphthol, 2,6-dimethyl-3-aminophenol, 2-amino-3-hydroxy-5-chloropyridine, 2,6-dihydroxy-3,4-dimethylpyridine, 2,6-bis-(2'-hydroxyethylamino)toluol, 3-amino-2,4-dichlorophenol, 3-amino-2-chloro-6-methylphenol, 5-amino-4-chloro-2-methylphenol, 5-(2'-hydroxyethyl)amino-2-methylphenol, 5-amino-2-methylphenol, 2-amino-3-hydroxypyridine, 3-amino-2-methylamino-6-methoxypyridine, 2-methylresorcinol, 4-chlororesorcinol, 2,4-diaminophenoxyethanol, 1,3-bis-(2',4'-diaminophenoxy)propane, resorcinol, 3,5-diamino-2,6-dimethoxypyridine and 1,7- dihydroxynaphthalene, 2,7- dihydroxynaphthalene and 1,5-dihydroxynaphthalene, 4-hydroxyindole, 6-hydroxyindole and the physiologically-acceptable salts thereof. Said means permit particularly intense colouration with excellent fastness properties and extraordinarily good toxicological properties.

IPC 1-7  
**A61K 7/13**

IPC 8 full level  
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