

Title (en)  
4,5,6-SUBSTITUTED M-PHENYLENE DIAMINE COUPLING COMPONENTS

Title (de)  
4,5,6-SUBSTITUIERTE M-PHENYLENDIAMIN-KUPPLERKOMPONENTEN

Title (fr)  
COMPOSES DE COUPLAGE M-PHENYLENE DIAMINE 4,5,6-SUBSTITUEE

Publication  
**EP 1758545 A1 20070307 (DE)**

Application  
**EP 05740291 A 20050503**

Priority  
• EP 2005004770 W 20050503  
• DE 102004026719 A 20040528

Abstract (en)  
[origin: WO2005117818A1] Disclosed is a substance for dyeing keratin fibers, especially human hair, containing at least one m-phenylene diamine derivative of general formula (I) as a coupling component in a cosmetically acceptable carrier. In said formula (I), R<1>, R<2>, R<3>, R<4> independently represent H, C1-6 alkyl, C2-6 hydroxyalkyl, C2-6 alkoxyalkyl, C2-6 aminoalkyl, C2-10 alkylaminoalkyl, C3-12 dialkylaminoalkyl; R<5>, R<6>, R<7> independently represent C1-6 alkyl which is optionally substituted by -OH, optionally OH-substituted C1-4 alkoxy, -NH2, -NHR, -NR2, R independently representing optionally OH-substituted C1-4 alkyl; X represents H, halogen, or C1-6 alkyl, C1-6 alkoxy which are optionally substituted by OH, optionally OH-substituted C1-4 alkoxy, -NH2, -NHR, -NR2 except on the C atom located closest to the aromatic core, R independently representing optionally OH-substituted C1-4 alkyl; or salts thereof.

IPC 8 full level  
**A61K 8/41** (2006.01); **A61Q 5/10** (2006.01); **C07C 211/51** (2006.01); **C07C 217/84** (2006.01)

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Citation (search report)  
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