

Title (en)  
BRIGHTENING AGENT COMPRISING CATIONIC 3,4-DIHYDROISOQUINOLINE DERIVATIVES AND HYDROGEN PEROXIDE

Title (de)  
AUFHELLMITTEL MIT KATIONISCHEN 3,4-DIHYDROISOCHINOLINIUMDERIVATEN UND WASSERSTOFFPEROXID

Title (fr)  
AGENT ÉCLAIRCISSANT CONTENANT DES DÉRIVÉS CATIONIQUES DE 3,4-DIHYDROISOQUINOLÉINIUM ET DU PEROXYDE D'HYDROGÈNE

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Abstract (en)  
[origin: WO2009043613A1] The invention relates to an agent for brightening keratinic fibers, characterized in that it comprises at least one cationic 3,4-dihydroisoquinoline derivative of the following common structure (I) in a cosmetic carrier, where the group R1 is a C1-C6-alkyl group, a C2-C6-alkenyl group, a C2-C6-hydroxyalkyl group, a C1-C6-alkoxy-C2-C6-alkyl group, a carboxy-C2-C6-alkyl group, an aryl-C1-C6-alkyl group, a C1-C6-dialkylaminoC2-C6-alkyl group, a heteroaryl-C1-C6-alkyl group, a 3-oxobutyl group, a 2-oxopropyl group, an aryl group, or a heteroaryl group, the groups R2, R3 and R4 independently from each other can be a hydrogen atom, a hydroxy group, an amino group, a Di(C1-C6)alkylamino group, a C1-C6-alkoxy group, a nitro group, a carboxy group, a nitrile group, an optionally substituted aryl group, a C1-C6-alkenyl group, an optionally substituted heteroaryl group, or R2 and R3 together can form a further carbocyclic or heterocyclic ring that is added by condensation and can be saturated or unsaturated and can optionally be substituted by up to three substituents, the anion X- is a physiologically acceptable anion and contains hydrogen peroxide, to the use of said agent for brightening hair, and to a corresponding method.

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