

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

Publication
EP 2192957 A1 20100609 (DE)

Application
EP 08761093 A 20080617

Priority
• EP 2008057595 W 20080617
• DE 102007047688 A 20071004

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.

IPC 8 full level
A61Q 5/06 (2006.01); **A61K 8/22** (2006.01); **A61K 8/49** (2006.01); **A61Q 5/08** (2006.01)

CPC (source: EP)
A61K 8/49 (2013.01); **A61K 8/4926** (2013.01); **A61K 8/4946** (2013.01); **A61Q 5/08** (2013.01)

Citation (search report)
See references of WO 2009043613A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007047688 A1 20090409; EP 2192957 A1 20100609; WO 2009043613 A1 20090409

DOCDB simple family (application)
DE 102007047688 A 20071004; EP 08761093 A 20080617; EP 2008057595 W 20080617