

Title (en)
OPTIONALLY PROTECTED IRIDOID-DERIVED COMPOUNDS, COMPOSITION INCLUDING SAME, USE AS A DYE FOR KERATIN FIBRES AND DEVICES

Title (de)
OPTIONAL GESCHÜTZTE VERBINDUNGEN AUS IRIDOID, ZUSAMMENSETZUNG DAMIT, VERWENDUNG ALS FÄRBEMITTEL FÜR KERATINFASERN UND VORRICHTUNGEN

Title (fr)
COMPOSES DERIVES D'IRIDOIDES PROTEGES OU NON, COMPOSITION LES COMPRENANT, UTILISATION COMME COLORANT DES FIBRES KERATINIQUES ET DISPOSITIFS

Publication
EP 2978749 A1 20160203 (FR)

Application
EP 14720181 A 20140328

Priority
• FR 1352888 A 20130329
• FR 2014050739 W 20140328

Abstract (en)
[origin: WO2014155016A1] The present invention relates to compounds of formula (I) and (II) below, in which R₁ and R¹ are -CH₃; -CH₂OZ; -CHO; -COOR₁₀, R₁₀: H, alkyl -CONR_n R-12, Ru, R₁₂: H, W, at least one of the radicals being other than H -CH₂NR₁₃R₁₄, R₁₃, R₁₄: H, W, at least one of the radicals being other than H -COR₁₅, R₁₅: alkyl, R₂ and R² are H; -CH₃; -CH₂OZ; -COR₂₀, R₂₀: alkyl; -COOR₂₁, R₂₁: H, alkyl; -CONR₂₂R₂₃, R, R₂₃: H, W, at least one of the two being other than H; -CH₂NR₂₄R₂₅, R₂₄ and R₂₅: H, W, at least one of the two being other than H; -C(OH)R₂₆R₂₇, R₂₆, R₂₇: non-substituted alkyl, phenyl, benzyl; R₃ and R³ are: -OZ; -CH₃; -NR₃₁ R₃₂, R₃₁ and R₃₂: H, W, at least one of the two being other than H; alkylthio; R³ also optionally being H; R₄ and R⁴ are H; an alkyl; a sugar unit; -COR₄₀, R₄₀: alkyl; -COOR₄₁ R₄₁: alkyl; -CONR₄₂R₄₃, R₄₂, R₄₃: H, W; -Si(R₄₄)₃ R₄₄: alkyl; Z is H; alkyl; a sulphonate, alkyl sulphonate, phenyl sulphonate or alkylphenyl sulphonate group; a -COR_z group with R_z: alkyl, sugar unit; W is a hydrocarbon radical at CrC₄₀, which is straight, branched and/or cyclic, saturated, unsaturated, aromatic or not, optionally substituted; and/or optionally interrupted by one or more heteroatoms and/or groups including same; n integer varies from 0 to 5. Exclusions from the formula (I): * when R₄ is a sugar unit, an alkyl(d-C₄)carbonyl, a mono- or di- alkyl(C₁-C₄)aminocarbonyl, then R₂ is not an alkoxy(d-C₂)carbonyl, hydroxycarbonyl, -CH₂OH, R₂ also is not H when R₄ is a sugar; ** when R₄ is H and R⁴ is -CH₃, -CH₂OH, then R₂ is not H, -CH₃, -COOH or -COOCH₃. The invention also relates to a composition including such compounds as well as to a method for dyeing keratin fibres implementing same.

IPC 8 full level
C07D 311/94 (2006.01); **A61K 8/49** (2006.01); **A61Q 5/06** (2006.01)

CPC (source: CN EP)
A61K 8/498 (2013.01 - CN EP); **A61Q 5/065** (2013.01 - CN EP); **A61Q 5/10** (2013.01 - CN EP); **C07D 311/94** (2013.01 - CN EP)

Citation (search report)
See references of WO 2014155016A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014155016 A1 20141002; CN 105073723 A 20151118; EP 2978749 A1 20160203; FR 3003860 A1 20141003; FR 3003860 B1 20151127; KR 20150135793 A 20151203

DOCDB simple family (application)
FR 2014050739 W 20140328; CN 201480019360 A 20140328; EP 14720181 A 20140328; FR 1352888 A 20130329; KR 20157031242 A 20140328