

Title (en)

USE OF PEROXIDE DECOMPOSERS IN COSMETIC AND PHARMACEUTICAL AGENTS FOR TREATING SKIN

Title (de)

VERWENDUNG VON PEROXIDZERSETZERN IN KOSMETISCHEN UND PHARMAZEUTISCHEN MITTELN ZUR BEHANDLUNG DER HAUT

Title (fr)

UTILISATION DE DECOMPOSEURS DE PEROXYDES DANS DES PRODUITS COSMETIQUES ET PHARMACEUTIQUES POUR LE SOIN DE LA PEAU

Publication

**EP 1881817 A2 20080130 (DE)**

Application

**EP 06742899 A 20060512**

Priority

- EP 2006004487 W 20060512
- DE 102005022292 A 20050513

Abstract (en)

[origin: DE102005022292A1] Use of sulfur containing compound (A), as a peroxide composite in cosmetic and pharmaceutical agent to treat skin. Use of sulfur containing compound (A) of formula  $[Z^{1>}-N=C(Z^{2>})-S] n-R^{1>}$ ,  $(Z^{1>}-N(R^{2>})-C(Z^{2>})=S)$  or  $(Z^{1>}-S-C(Z^{2>})=S)$ , as a peroxide composite in cosmetic and pharmaceutical agent to treat skin. Either  $Z^{1>}$ ,  $Z^{2>}$ organyl residue H; or  $Z^{1>}+Z^{2>}$ a bivalent group with 1-5 atoms between the flanking compound;  $R^{1>}$ H, alkyl, (hetero)cycloalkyl, (hetero)aryl or n-valent cation;  $R^{2>}$ H, alkyl, (hetero)cycloalkyl, (het)aryl, COOR-a, COO-M +>, SO 3R-a, SO 3-M +>, sulfone amide, NE 1>E 2>, (NE 1>E 2>E 3>) +>A ->, OR-a, SR-a, (CHR-bCH 2O) yR-a, (CH 2O) yR-a, (CH 2CH 2NE 1>) yR-a, (di)alkylaminocarbonyl, alkylcarbonylamino or acyl; R-a : resembles in each case or different remainders, H, alkyl, cycloalkyl, (het)aryl; E 1>-E 3>H, alkyl, cycloalkyl or (hetro)aryl; R-b : H, methyl or ethyl; M +>cation equivalent stands; A ->equivalent anion; y : 1-250; and n : 1-3. Independent claims are included for a cosmetic or pharmaceutical agent to treat skin to avoid or reduce damage of the skin, as a result of peroxide formed by endogenic or exogenous factors and/or hydroperoxide, comprising at least a peroxide composite, optionally at least an antioxidant that is effective as radical catcher. ACTIVITY : Dermatological; Antiseborrheic; Antiinflammatory; Antiallergic; Immunosuppressive. MECHANISM OF ACTION : None given.

IPC 8 full level

**A61K 8/46** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP US)

**A61K 8/49** (2013.01 - EP US); **A61K 8/4933** (2013.01 - EP US); **A61Q 19/08** (2013.01 - EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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