

Title (en)

USE OF A COMPOUND CONTAINING TWO OR MORE ALCOHOLIC HYDROXYL GROUPS OR PHENOLIC HYDROXYL GROUPS AS A MICROBIOME REGULATOR ON SCALP

Title (de)

VERWENDUNG EINER VERBINDUNG MIT ZWEI ODER MEHR ALKOHOLISCHEN HYDROXYLGRUPPEN ODER PHENOLISCHEN HYDROXYLGRUPPEN ALS MIKROBIOMREGULATOR AUF DER KOPFHAUT

Title (fr)

UTILISATION D'UN COMPOSÉ CONTENANT DEUX OU PLUSIEURS GROUPES HYDROXYLE ALCOOLIQUES OU GROUPES HYDROXYLE PHÉNOLIQUES EN TANT QUE RÉGULATEUR DU MICROBIOME SUR LE CUIR CHEVELU

Publication

EP 4161473 A1 20230412 (EN)

Application

EP 20939406 A 20200605

Priority

CN 2020094505 W 20200605

Abstract (en)

[origin: WO2021243669A1] Use of a compound containing two or more alcoholic hydroxyl groups or phenolic hydroxyl groups and three to sixteen carbon atoms per molecular, as microbiome regulator for selectively inhibiting Cutibacterium acnes and Staphylococcus epidermidis on scalp. A method of screening a compound or mixture for a microbiome regulator on scalp, comprising: testing Minimum Inhibitory Concentrations of the compound or mixture towards Cutibacterium acnes and Staphylococcus epidermidis, respectively; obtaining direct values of Minimum Inhibitory Concentration (Cutibacterium acnes) and Minimum Inhibitory Concentration (Staphylococcus epidermidis) of the compound or mixture, respectively; obtaining a calculated value of ((Minimum Inhibitory Concentration (Cutibacterium acnes) /Minimum Inhibitory Concentration (Staphylococcus epidermidis)) of the compound or mixture from the above direct values; and determining that the compound or mixture is suitable as a microbiome regulator on scalp, if the calculated value <1; whereas the compound or mixture is not suitable as a microbiome regulator on scalp, if the calculated value >= 1. A shampoo or scalp serum composition, comprising a microbiome regulator for selectively inhibiting Cutibacterium acnes and Staphylococcus epidermidis on scalp, which is a compound containing two or more alcoholic hydroxyl groups or phenolic hydroxyl groups and three to sixteen carbon atoms per molecule, or the mixture thereof.

IPC 8 full level

A61K 8/02 (2006.01); **A61K 8/30** (2006.01); **A61K 8/34** (2006.01); **A61Q 5/00** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP)

A61K 8/345 (2013.01); **A61K 8/35** (2013.01); **A61Q 5/006** (2013.01); **C12Q 1/025** (2013.01); **A61K 2800/5922** (2013.01); **C12R 2001/45** (2021.05); **G01N 2500/10** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021243669 A1 20211209; EP 4161473 A1 20230412; EP 4161473 A4 20240124

DOCDB simple family (application)

CN 2020094505 W 20200605; EP 20939406 A 20200605