

Title (en)

USE OF HYDROPEROXY ALCOHOLS AND THE DERIVATIVES THEREOF AS ANTIMICROBIAL AGENTS

Title (de)

VERWENDUNG VON HYDROPEROXYALKOHOLEN UND DEREN DERIVATEN ALS ANTIMIKROBIELLE WIRKSTOFFE

Title (fr)

UTILISATION DES HYDROPEROXYALCOOLS ET DE LEURS DÉRIVÉS COMME AGENTS ANTIMICROBIENS

Publication

**EP 4065072 A1 20221005 (FR)**

Application

**EP 20828300 A 20201127**

Priority

- FR 1913526 A 20191129
- FR 2020052212 W 20201127

Abstract (en)

[origin: WO2021105638A1] The invention relates to the use of a hydroperoxy alcohol-type compound, or a 1,2,4-trioxane compound thereof, as an antimicrobial agent, making it possible for it to be used in various applications and in particular as a preservative and/or to improve the antimicrobial properties of at least one preservative, to modulate the skin microbiota, in the treatment or prevention of diseases affecting the skin, the mucous membrane and/or skin appendages or even to cleanse, sanitise, disinfect and/or sterilise a surface other than the skin, skin appendages and mucous membranes, in particular a hard surface or a textile. It also relates to a composition comprising such a compound. In addition to its antimicrobial properties, the aforementioned compound has good safety and emollient properties, making it particularly suitable for cosmetic use.

IPC 8 full level

**A61K 8/38** (2006.01); **A61Q 17/00** (2006.01)

CPC (source: EP US)

**A61K 8/38** (2013.01 - EP); **A61K 8/498** (2013.01 - US); **A61K 31/327** (2013.01 - US); **A61K 31/357** (2013.01 - US); **A61K 45/06** (2013.01 - US); **A61Q 5/006** (2013.01 - US); **A61Q 5/02** (2013.01 - US); **A61Q 7/00** (2013.01 - US); **A61Q 17/005** (2013.01 - EP US); **A61Q 19/10** (2013.01 - US); **A61K 2800/524** (2013.01 - US)

Citation (search report)

See references of WO 2021105638A1

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 2021105638 A1 20210603**; CN 114727929 A 20220708; EP 4065072 A1 20221005; JP 2023504422 A 20230203; US 2023181520 A1 20230615

DOCDB simple family (application)

**FR 2020052212 W 20201127**; CN 202080080233 A 20201127; EP 20828300 A 20201127; JP 2022531552 A 20201127; US 202017779578 A 20201127