

Title (en)

COMPOUND IN THE FORM OF PARTICLES FUNCTIONALIZED WITH HIGH PERCENTAGE IONIC METAL, AND ITS USE AS AN ANTIMICROBIAL

Title (de)

VERBINDUNG IN FORM VON MIT EINEM HOHEN ANTEIL AN IONISCHEN METALL FUNKTIONALISIERTEN PARTIKELN UND DEREN VERWENDUNG ALS ANTIMIKROBIELLES MITTEL

Title (fr)

COMPOSÉ SOUS FORME DE PARTICULES FONCTIONNALISÉES AYANT UN MÉTAL IONIQUE À FORT POURCENTAGE, ET SON UTILISATION EN TANT QU'AGENT ANTIMICROBIEN

Publication

EP 4396192 A1 20240710 (EN)

Application

EP 22777315 A 20220831

Priority

- IT 202100022595 A 20210831
- IB 2022058173 W 20220831

Abstract (en)

[origin: WO2023031822A1] The present invention relates to a compound in the form of a microparticle comprising a support or carrier to which is bound, via an "n" number of ligands, a large number of moles of a metal in ionic form (preferably silver), wherein said compound exhibits high antimicrobial, antibacterial, antiviral and antifungal activity. Further, the present invention relates to said compound based on a metal in ionic form and compositions thereof for topical dermatological, gynecological, oral, oromucosal and/or ocular use in methods of treatment of bacterial, viral and/or fungal infections.

IPC 8 full level

C07F 7/00 (2006.01); **A61P 31/04** (2006.01); **A61P 31/12** (2006.01); **C09D 5/00** (2006.01); **C11D 3/00** (2006.01)

CPC (source: EP IL)

A61P 31/04 (2018.01 - EP IL); **A61P 31/12** (2018.01 - EP IL); **C07F 7/003** (2013.01 - EP IL); **Y02A 50/30** (2018.01 - EP IL)

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 2023031822 A1 20230309; CA 3228374 A1 20230309; CO 2024003426 A2 20240617; EP 4396192 A1 20240710; IL 310555 A 20240301; IT 202100022595 A1 20230303

DOCDB simple family (application)

IB 2022058173 W 20220831; CA 3228374 A 20220831; CO 2024003426 A 20240320; EP 22777315 A 20220831; IL 31055524 A 20240131; IT 202100022595 A 20210831