

Title (en)
ANTIMICROBIAL AGENTS BASED ON HEMIN DERIVATIVES

Title (de)
ANTIMIKROBIELLE MITTEL AUF BASIS VON HEMIN-DERIVATEN

Title (fr)
COMPOSITION ANTIMICROBIENNE À BASE DE DÉRIVÉS D'HÉMINE

Publication
EP 2476701 B8 20140924 (EN)

Application
EP 10815682 A 20100908

Priority

- RU 2009133914 A 20090910
- RU 2010000488 W 20100908

Abstract (en)
[origin: EP2476701A1] The invention relates to novel antimicrobial, including antibacterial and antifungal, agents and compositions based on hemin derivatives of general formula (I), and also to the production of novel hemin derivatives. The advantages of antibacterial agents based on hemin derivatives are their biocompatibility, biodegradability, high effectiveness against resistant bacteria and widespread microfungi that are harmful to humans, and freedom from toxicity and side effects.

IPC 8 full level
C07K 14/805 (2006.01); **A61K 38/42** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **C07D 487/22** (2006.01); **C07F 15/02** (2006.01)

CPC (source: EP US)
A61K 31/555 (2013.01 - US); **A61P 31/00** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **C07D 487/22** (2013.01 - EP US); **C07F 15/025** (2013.01 - EP US); **C07K 14/795** (2013.01 - EP US); **C07K 14/805** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2476701 A1 20120718; EP 2476701 A4 20130116; EP 2476701 B1 20140813; EP 2476701 B8 20140924; CN 102906110 A 20130130; CN 102906110 B 20160413; DK 2476701 T3 20141117; EA 020802 B1 20150130; EA 201270405 A1 20120830; ES 2527432 T3 20150123; HK 1179278 A1 20130927; IN 2980DEN2012 A 20150731; PL 2476701 T3 20150331; RU 2415868 C1 20110410; UA 108480 C2 20150512; US 2012264724 A1 20121018; US 8906897 B2 20141209; WO 2011031187 A1 20110317

DOCDB simple family (application)
EP 10815682 A 20100908; CN 201080048604 A 20100908; DK 10815682 T 20100908; EA 201270405 A 20100908; ES 10815682 T 20100908; HK 13106895 A 20130611; IN 2980DEN2012 A 20120409; PL 10815682 T 20100908; RU 2009133914 A 20090910; RU 2010000488 W 20100908; UA A201204487 A 20100908; US 201013395149 A 20100908