

Title (en)

PHARMACOLOGICALLY ACTIVE COMPOUNDS AND MIXTURES THEREOF, ORGANIC COMPOSITIONS AND METAL SALTS.

Title (de)

ARZNEIMITTELZUBEREITUNGEN UND GEMISCHE DARAUS, ORGANISCHE ZUSAMMENSETZUNGEN UND METALLSALZE.

Title (fr)

COMPOSES PHARMACOLOGIQUEMENT ACTIFS ET LEURS MELANGES, COMPOSITIONS ORGANIQUES ET SELS METALLIQUES.

Publication

**EP 0290442 A4 19900703 (EN)**

Application

**EP 87900420 A 19861119**

Priority

US 8602547 W 19861119

Abstract (en)

[origin: WO8803805A1] Organic compounds and mixtures thereof and chelates of organic compounds with metal salts which show pharmacological activity in the treatment of cancers and non-malignant tumors, and against bacteria, viruses and fungi. More particularly, mixtures and chelates of metal salts with organic compositions wherein the metal portion is a multivalent metal halide. The compositions of this invention are less toxic than an equivalent amount of at least one separate component thereof. This invention also relates to the use of zinc chloride as a potentiator of organic compounds useful for the treatment of human tumors, and further relates to the use of specific organic compounds for topical treatment of human tumors. Methods of treatment of cancers and non-malignant tumors with the compositions described above are also disclosed, as are methods of treatment of bacterial, viral and fungal infections, and methods of selective debriding and skin ulcers.

IPC 1-7

**A61K 31/05**; **A61K 33/30**

IPC 8 full level

**A61K 31/05** (2006.01); **A61K 31/047** (2006.01); **A61K 31/085** (2006.01); **A61K 31/215** (2006.01); **A61K 33/00** (2006.01); **A61K 33/30** (2006.01); **A61P 35/00** (2006.01); **C07C 39/15** (2006.01)

CPC (source: EP)

**A61K 33/30** (2013.01); **A61P 35/00** (2017.12)

Citation (search report)

- WO 8803026 A1 19880505 - CHEMEX PHARMACEUTICALS INC [US]
- WO 8801509 A1 19880310 - CHEMEX PHARMACEUTICALS INC [US]
- WO 8606586 A1 19861120 - CHEMEX PHARMACEUTICALS INC [US]
- FR 7760 M 19700316
- EP 0037800 A2 19811014 - ZYMA SA [CH]
- US 4084006 A 19780411 - LEACH BYRON E
- US 4350707 A 19820921 - KEITH ALEC D, et al
- US 4268517 A 19810519 - NIEBES PAUL J, et al
- See references of WO 8803805A1

Cited by

US9795550B2; US10434052B2; US11077046B2; US11839679B2; US9533976B2; US9951053B2; US10457672B2; US11034682B2; US11673885B2; US8609717B2; US8629176B1; US8921413B2; US9303010B2; US9493437B2; US9884053B2; US10314832B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8803805 A1 19880602**; AU 6866291 A 19910314; EP 0290442 A1 19881117; EP 0290442 A4 19900703; JP H01501791 A 19890622

DOCDB simple family (application)

**US 8602547 W 19861119**; AU 6866291 A 19910104; EP 87900420 A 19861119; JP 50035986 A 19861119