

Title (en)

HEAVY METAL SALTS OF HYALURONIC ACID USEFUL AS ANTIMICROBIAL AGENTS.

Title (de)

SCHWERMETALLSALZE VON HYALURONSÄURE ZUR VERWENDUNG ALS ANTIMIKROBIELLES MITTEL.

Title (fr)

SELS DE METAUX LOURDS DE L'ACIDE HYALURONIQUE UTILES EN TANT QU'AGENTS ANTIMICROBIENS.

Publication

**EP 0259485 A4 19880729 (EN)**

Application

**EP 87902255 A 19870313**

Priority

- US 1947487 A 19870226
- US 2366687 A 19870309
- US 84041986 A 19860314

Abstract (en)

[origin: WO8705517A1] Heavy metal salts of hyaluronic acid have been prepared. In particular, this invention is directed to silver, gold, cerium and tungsten salts of hyaluronic acid. These heavy metal salts of hyaluronic acid are useful as antimicrobial agents. Gold hyaluronate may also be used to treat arthritis. This invention also concerns methods of making the silver salt of hyaluronic acid as well as compositions containing silver hyaluronate or gold hyaluronate. The invention also concerns composition containing heavy metal salts having radioactively labelled hyaluronate moieties.

IPC 1-7

**A61K 43/00**

IPC 8 full level

**A01N 43/16** (2006.01); **C08B 37/08** (2006.01)

CPC (source: EP)

**A01N 43/16** (2013.01); **A61K 31/715** (2013.01); **C08B 37/0072** (2013.01)

Citation (search report)

- [XP] EP 0197718 A2 19861015 - FIDIA SPA [IT]
- See references of WO 8705517A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8705517 A1 19870924**; AU 600483 B2 19900816; AU 7206887 A 19871009; CA 1291123 C 19911022; EP 0259485 A1 19880316; EP 0259485 A4 19880729

DOCDB simple family (application)

**US 8700549 W 19870313**; AU 7206887 A 19870313; CA 531936 A 19870313; EP 87902255 A 19870313