

Title (en)

MU O-CONOPEPTIDES AND THEIR USE AS LOCAL ANESTHETICS

Title (de)

MU O-CONOPEPTIDE UND DEREN VERWENDUNG ALS LOKALANÄSTHETIKA

Title (fr)

MU O-CONOPEPTIDES ET LEUR UTILISATION COMME ANESTHESIQUES LOCAUX

Publication

**EP 1185286 A1 20020313 (EN)**

Application

**EP 00939692 A 20000609**

Priority

- US 0015779 W 20000609
- US 13850799 P 19990610

Abstract (en)

[origin: WO0076532A1] The present invention is directed to the new mu O-conopeptides, their coding sequences and their propeptides and to the use of mu O-conopeptides as a local anesthetic for treating pain. The mu O-conopeptides have long lasting anesthetic activity and are particularly useful for spinal anesthesia, either administered acutely for post-operatively pain or via an intrathecal pump for severe chronic pain situations or for treatment of pain in epithelial tissue.

IPC 1-7

**A61K 38/00**; C07K 14/435; C07K 14/00; C12N 15/12

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **A61P 23/02** (2006.01); **A61P 25/02** (2006.01); **A61P 29/00** (2006.01); **C07K 14/435** (2006.01); **C12N 15/12** (2006.01)

CPC (source: EP)

**A61P 23/02** (2017.12); **A61P 25/02** (2017.12); **A61P 29/00** (2017.12); **C07K 14/43504** (2013.01); **A61K 38/00** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0076532 A1 20001221**; AU 5474200 A 20010102; CA 2376357 A1 20001221; EP 1185286 A1 20020313; EP 1185286 A4 20040908; JP 2003501109 A 20030114

DOCDB simple family (application)

**US 0015779 W 20000609**; AU 5474200 A 20000609; CA 2376357 A 20000609; EP 00939692 A 20000609; JP 2001502865 A 20000609