Title (en)
METHOD FOR PROCESSING MICROBIOLOGICALLY PRODUCED CYCLIC OLIGOPEPTIDES

Title (de)
VERFAHREN ZUR AUFARBEITUNG VON MIKROBIOLOGISCH HERGESTELLTEN ZYKLISCHEN OLIGOPEPTIDEN

Title (fr)
PROCÉDÉ DE TRAITEMENT D'OLIGOPEPTIDES CYCLIQUES PRÉPARÉS PAR VOIE MICROBIOLOGIQUE

Publication
EP 2321335 A1 20110518 (DE)

Application
EP 09781252 A 20090729

Priority
- EP 2009059826 W 20090729
- EP 08161348 A 20080729
- EP 09781252 A 20090729

Abstract (en)
[origin: EP2151450A1] Method for processing microbiologically produced, non-polar, cyclic oligopeptide, comprises extracting entire fermentation broth to the microbiological production process using a liquid extractant that contains ether and is immiscible with water at 25[deg] C, where the amount of extractant is sufficient to form a two-phase system together with the total fermentation broth. An independent claim is included for crystalline cyclosporine A-methyl-tert-butylether-solvate having a peak (2 theta angle) comprising 7[deg] +- 0.1[deg] , 8.2[deg] +- 0.1[deg] , 11[deg] +- 0.1[deg] and 20.5[deg] +- 0.1[deg] by x-ray powder diffractogram, preferably additionally comprising 7.3[deg] +- 0.1[deg] , 11.8[deg] +- 0.1[deg] , 13.3[deg] +- 0.1[deg] and 16.5[deg] +- 0.1[deg] . ACTIVITY : Immunosuppressive; Antidiabetic; Antipsoriatic; Antiarthritic; Antirheumatic; Antiinflammatory; Anti-HIV; Neuroprotective; Nootropic; Antiparkinsonian; Cytostatic. MECHANISM OF ACTION : None given.

IPC 8 full level
C07K 1/14 (2006.01); **C07K 7/64** (2006.01); **C30B 7/06** (2006.01)

CPC (source: EP US)
C07K 1/145 (2013.01 - EP US); **C07K 7/645** (2013.01 - EP US)

Citation (search report)
See references of WO 2010012786A1

Designated contracting state (EPC)
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)
AL BA RS

DOCDB simple family (publication)
EP 2151450 A1 20100210; CN 102164944 A 20110824; EP 2321335 A1 20110518; JP 2011529476 A 20111208; US 2011124575 A1 20110526; US 8691770 B2 20140408; WO 2010012786 A1 20100204

DOCDB simple family (application)
EP 08161348 A 20080729; CN 200980137840 A 20090729; EP 09781252 A 20090729; EP 2009059826 W 20090729; JP 2011520507 A 20090729; US 200913055715 A 20090729