

Title (en)

PHARMACEUTICAL PREPARATIONS OF BIOACTIVE SUBSTANCES EXTRACTED FROM NATURAL SOURCES

Title (de)

PHARMAZEUTISCHE ZUBEREITUNGEN VON AUS NATÜRLICHEN QUELLEN EXTRAHIERTEN BIOAKTIVEN SUBSTANZEN

Title (fr)

PREPARATIONS PHARMACEUTIQUES DE SUBSTANCES BIOACTIVES EXTRAITES DE SOURCES NATURELLES

Publication

EP 1183039 A1 20020306 (EN)

Application

EP 00944604 A 20000525

Priority

- US 0014503 W 20000525
- US 13640999 P 19990527
- US 40892299 A 19990930
- US 51819100 A 20000303

Abstract (en)

[origin: WO0072861A1] This invention relates to methods of extracting and purifying bioactive substances from various plants and herbs. More specifically the invention relates to methods of extracting and separating bioactive substances from various plants and herbs, such as Kava root, Byrsonima species, Aesculus californica, Crataegus mexicana, Simmondsia chinensis, Pfaffia species, Alternanthera repens, Bursera species, Turnera species, Perezia species, Heimia salicifolia, Psidium species, Enterlobium species, Ptychopetalum olacoides, Liriosma ovata, and Chaunochiton kappleri, using supercritical fluid extraction and/or fluorocarbon solvent extract. The present invention further relates to separation of bioactive substances contained in extracts using packed column supercritical fluid chromatography or HPLC where dense gas with or without modifiers is the mobile phase. The present invention also relates to pharmaceutical preparations and dietary supplements which may be prepared with the extracted bioactive substances and use of such pharmaceutical preparations and dietary supplements to treat various human ailments.

IPC 1-7

A61K 35/78; A61P 25/00; A61P 9/00; A61P 3/00; A61P 15/00; A61P 29/00

IPC 8 full level

A61K 9/20 (2006.01); **A61K 9/48** (2006.01); **A61K 36/00** (2006.01); **A61K 36/18** (2006.01); **A61K 36/185** (2006.01); **A61K 36/21** (2006.01); **A61K 36/32** (2006.01); **A61K 36/48** (2006.01); **A61K 36/61** (2006.01); **A61K 36/67** (2006.01); **A61K 36/734** (2006.01); **A61K 36/77** (2006.01); **A61P 1/04** (2006.01); **A61P 3/00** (2006.01); **A61P 3/04** (2006.01); **A61P 3/10** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 15/00** (2006.01); **A61P 19/02** (2006.01); **A61P 21/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/16** (2006.01); **A61P 25/28** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **A61P 35/02** (2006.01); **B01D 11/02** (2006.01)

CPC (source: EP)

A61K 36/185 (2013.01); **A61K 36/21** (2013.01); **A61K 36/32** (2013.01); **A61K 36/48** (2013.01); **A61K 36/61** (2013.01); **A61K 36/67** (2013.01); **A61K 36/734** (2013.01); **A61K 36/77** (2013.01); **A61P 1/04** (2017.12); **A61P 3/00** (2017.12); **A61P 3/04** (2017.12); **A61P 3/10** (2017.12); **A61P 9/00** (2017.12); **A61P 9/10** (2017.12); **A61P 15/00** (2017.12); **A61P 19/02** (2017.12); **A61P 21/00** (2017.12); **A61P 25/00** (2017.12); **A61P 25/16** (2017.12); **A61P 25/28** (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **A61P 35/02** (2017.12)

Citation (search report)

See references of WO 0072861A1

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 0072861 A1 20001207; AU 5867600 A 20001218; AU 779928 B2 20050217; CA 2414094 A1 20001207; EP 1183039 A1 20020306; JP 2003500452 A 20030107

DOCDB simple family (application)

US 0014503 W 20000525; AU 5867600 A 20000525; CA 2414094 A 20000525; EP 00944604 A 20000525; JP 2000620970 A 20000525