

Title (en)

METHOD FOR OBTAINING NATURAL PRODUCTS FROM PLANT MATERIAL

Title (de)

VERFAHREN ZUR GEWINNUNG VON NATURSTOFFEN AUS PFLANZENMATERIAL

Title (fr)

PROCEDE DESTINE A OBTENIR DES PRODUITS NATURELS A PARTIR DE MATIERE VEGETALE

Publication

**EP 1687326 A2 20060809 (EN)**

Application

**EP 04811101 A 20041110**

Priority

- US 2004038252 W 20041110
- US 51898803 P 20031110

Abstract (en)

[origin: WO2005047304A2] The present invention provides a method for obtaining a natural product (e.g., betulin, lupeol and/or betulinic acid) from a plant extract (e.g., birch bark extract). The method employs a distillation with water and an organic solvent that (i) is water-immiscible, (ii) is capable of forming an azeotropic mixture with water, or (iii) has a boiling point of at least 100°C (e.g., toluene) and an aqueous base (e.g., KOH).

IPC 8 full level

**C07J 63/00** (2006.01); **A61K 31/00** (2006.01); **C07C 29/86** (2006.01)

CPC (source: EP)

**C07J 63/00** (2013.01)

Citation (search report)

See references of WO 2005047304A2

Cited by

EP4186575A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005047304 A2 20050526; WO 2005047304 A3 20051110; EP 1687326 A2 20060809**

DOCDB simple family (application)

**US 2004038252 W 20041110; EP 04811101 A 20041110**