

Title (en)

METHOD AND PLANT FOR SOLVENT-FREE MICROWAVE EXTRACTION OF NATURAL PRODUCTS

Title (de)

VERFAHREN UND EINRICHTUNG ZU LÖSUNGSMITTELFREIER EXTRAKTION VON NATURSTOFFE MITTELS MIKROWELLEN

Title (fr)

PROCEDE ET INSTALLATION D'EXTRACTION SANS SOLVANT DE PRODUITS NATURELS PAR MICRO-ONDES

Publication

**EP 0698076 B1 19980114 (FR)**

Application

**EP 94915607 A 19940510**

Priority

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- FR 9305810 A 19930511

Abstract (en)

[origin: WO9426853A1] The microwave extraction method involves the steps of placing the biological material in an enclosure without any solvent whatsoever and exposing it to microwave radiation to free at least some of the natural product, and then separating the residual biological material from the extracted natural product. Additionally, it involves the steps of applying reduced pressure in said enclosure during said microwave radiation stage and heating the enclosure during at least most of the microwave radiation stage to compensate the temperature drop resulting from water evaporation from the biological material.

IPC 1-7

**C11B 9/02; B01D 11/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1618798A1; CN106190574A; FR2955331A1; FR3003181A1; WO2012156361A1; WO2012056141A2; WO2019106313A1; FR3017309A1; FR3099991A1; EP1629725A1; FR3115695A1; TWI601565B; FR3113248A1

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