

Title (en)
PROCESS FOR SEPARATING TERPENES FROM ESSENTIAL OILS

Publication
EP 0363971 A3 19910320 (DE)

Application
EP 89119001 A 19891012

Priority
DE 3834988 A 19881014

Abstract (en)
[origin: EP0363971A2] A process for removing terpenes from essential oils is described and entails a) the terpene-containing essential oils being contacted with a polar solid (adsorbent), b) the loaded adsorbent being separated from the liquid phase enriched in terpenes, and c) the adsorbent loaded with essential oil being extracted with condensed CO₂. <??>It is possible in this way substantially to remove the terpenes and, at the same time, to obtain the essential oils in high yield and good quality.

IPC 1-7
C11B 9/02

IPC 8 full level
A61K 36/00 (2006.01); **C11B 9/02** (2006.01)

CPC (source: EP US)
C11B 9/022 (2013.01 - EP US)

Citation (search report)

- [A] US 2712008 A 19550628 - KIRCHNER JUSTUS G, et al
- [A] US 3867262 A 19750218 - ROCKLAND LOUIS B, et al
- [AD] EP 0206738 A2 19861230 - PROCTER & GAMBLE [US]
- [A] CHEMICAL ABSTRACTS, vol. 99, no. 12, September 1983 Columbus, Ohio, USA ref. no. 93512A
- [AD] CHEMIE. INGENIEUR. TECHNIK. vol. 56, 1984, WEINHEIM DE Seiten 794 - 795; D.Gerard: "Kontinuierliche Deterpenierung ätherischer Oele durch Gegenstromextraktion mit verdichtetem Kohlendioxid"
- [AD] FOOD TECHNOLOGY. vol. 42, no. 6, Juni 1988, CHICAGO US Seiten 145 - 150; F.Temelli et al.: "Supercritical fluid extraction in citrus oil processing"
- [A] RIECHSTOFFE AROMEN KORPERPFLEGEMITTEL. no. 2-3, 1976, HANNOVER-BEMRODE DE Seiten 28 - 33; S.Anandaraman et al.: "Untersuchung über die Deterpenisierung einiger Orangen-Oele auf chromatographischem Wege"

Cited by
US7250185B2; EP1818388A1; WO0236720A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL

DOCDB simple family (publication)
EP 0363971 A2 19900418; EP 0363971 A3 19910320; EP 0363971 B1 19950419; AT E121447 T1 19950515; DE 3834988 A1 19900419; DE 58909186 D1 19950524; ES 2070877 T3 19950616; GR 3015902 T3 19950731; JP 2541670 B2 19961009; JP H02180997 A 19900713; MX 171557 B 19931105; RU 1769761 C 19921015; US 5061502 A 19911029; ZA 897691 B 19900725

DOCDB simple family (application)
EP 89119001 A 19891012; AT 89119001 T 19891012; DE 3834988 A 19881014; DE 58909186 T 19891012; ES 89119001 T 19891012; GR 950400819 T 19950420; JP 26535689 A 19891013; MX 1782489 A 19891004; SU 4742229 A 19891013; US 41964389 A 19891011; ZA 897691 A 19891011