

Title (en)
METHOD FOR REMOVING ESSENTIAL OILS AND ANTIOXIDANTS FROM EXTRACT PRODUCTS OF LAMIACEAE SPECIES USING ROLLED FILM EVAPORATION

Title (de)
VERFAHREN ZUR ENTFERNUNG VON ESSENTIELLEN ÖLEN UND ANTIOXIDANTIEN AUS LAMIACEAE ARTEN DURCH GEWALTZE FILM VERDAMPFUNG

Title (fr)
PROCEDE D'EXTRACTION D'HUILES ESSENTIELLES ET DE COMPOSES ANTIOXYDANTS A PARTIR D'EXTRAITS DE LA FAMILLE DES LAMIACEES, AU MOYEN D'UNE TECHNIQUE D'EVAPORATION A FILM ENROULE

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EP 1227727 A4 20040707 (EN)

Application
EP 00973514 A 20001013

Priority
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• US 15968699 P 19991014

Abstract (en)
[origin: WO0126472A1] An increase in specific antioxidant activity of extracts from rosemary <i>Rosemarinus officinalis</i> is obtained by the use of a blend of tetrafluoroethane and an organic solvent in the extraction process. A blend of tetrafluoroethane, acetone and methanol improves total yield. A tetrafluoroethane and acetone blend has higher efficacy but comparatively lower yields. The methods yield a liquid and oily antioxidant extract that is readily mixed with a liquid product such as soybean oil for addition to animal feeds and human food. The methods simultaneously yield pharmaceutical-grade essential oils in high yields.

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CPC (source: EP)
A61K 36/48 (2013.01); **A61K 36/53** (2013.01)

Citation (search report)
• [A] GB 2184341 A 19870624 - KALAMAZOO HOLDINGS INC
• [A] EP 0717925 A1 19960626 - NESTLE SA [CH]
• [XP] WO 0033859 A1 20000615 - KEMIN IND INC [US]
• [XP] WO 0053206 A1 20000914 - KEMIN IND INC [US]
• [E] US 2003185916 A1 20031002 - HAWORTH JAMES [US], et al
• See references of WO 0126472A1

Designated contracting state (EPC)
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