

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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Application
EP 00973514 A 20001013

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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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