

Title (en)

METHOD FOR OBTAINING NATURAL OILS FROM PLANT CONSTITUENTS

Title (de)

VERFAHREN ZUR GEWINNUNG VON NATÜRLICHEN ÖLEN AUS PFLANZLICHEN BESTANDTEILEN

Title (fr)

PROCEDE POUR OBTENIR DES HUILES NATURELLES A PARTIR D'INGREDIENTS VEGETAUX

Publication

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Application

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Abstract (en)

[origin: WO2007017206A1] The invention relates to a method for obtaining natural oils from plant constituents, said method being essentially carried out using compressed C₂-C₄ hydrocarbons. Residues from the crop and fruit treatment, especially from the treatment of pips and berries, are used as starting materials. Unlike previous extraction methods using organic solvents, the inventive method can be economically carried out on the basis of low pressures and reduced extraction agent throughputs. Preferred extraction agents are ethane, propane, butane and the mixtures thereof, the extraction itself being carried out in batches at pressures of < 50 mPa and temperatures of < 70 °C, with an extraction agent throughput of between 4 and 20 kg/kg of starting materials. The extracted oils are outstandingly suitable for flavouring preparations and cosmetic formulations, especially for the care and treatment of the skin.

IPC 8 full level

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