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(54) Title: METHOD FOR EXTRACTION AND PURIFICATION OF OILS FROM MICROALGAL BIOMASS USING HIGH-PRESSURE CO₂ AS A SOLUTE

(57) Abstract: The present invention provides methods for the isolation of oils from intact or lysed microorganisms in aqueous media with pressurized carbon dioxide as a solute. Such oils may be used for the production of biofuels. Also provided are methods for harvesting and rupturing whole cell microorganisms in aqueous media with pressurized carbon dioxide as a



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