

Title (en)
METHOD AND DEVICES FOR DE-EMULSIFYING AND COMPLEXING ORGANIC COMPOUNDS IN EMULSIONS

Title (de)
VERFAHREN UND VORRICHTUNGEN ZUR EMULSIONSSPALTUNG UND ZUR KOMPLEXIERUNG VON ORGANISCHEN VERBINDUNGEN IN EMULSIONEN

Title (fr)
PROCÉDÉ ET DISPOSITIFS POUR LA SÉPARATION D'UNE ÉMULSION ET LA COMPLEXIFICATION DE COMPOSÉS ORGANIQUES DANS DES ÉMULSIONS

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Application
EP 15729368 A 20150601

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Abstract (en)
[origin: WO2015185516A1] The invention relates to a method for aggregating and separating an organic material mixture which is provided in a dissolved form in an aqueous emulsion. The method is characterized by the following steps: a) providing an aqueous emulsion with organic compounds which are provided in the emulsion in a dissolved form, said organic compounds being carboxylic acids, phospholipids, glycolipids, glyceroglycolipids, phenols, sterols, chlorophyll, and/or sinapines, b) mixing the emulsion from step a) with an aqueous solution containing copper(II) ions and/or calcium ions until an aggregate formation is achieved, and c) separating the aggregates from step b) by means of a sedimentation, filtration, or centrifugation process after achieving an aggregated phase of the organic compounds from step b).

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Citation (search report)
See references of WO 2015185516A1

Citation (examination)
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• WEBER N ET AL: "Synthesis of ether glyceroglycolipids", CHEMISTRY AND PHYSICS OF LIPIDS, LIMERICK, IR, vol. 41, no. 2, 1 September 1986 (1986-09-01), pages 93 - 100, XP023389245, ISSN: 0009-3084, [retrieved on 19860901], DOI: 10.1016/0009-3084(86)90001-0

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