

Title (en)
METHOD FOR SEPARATING ALGAE, IN PARTICULAR MICROALGAE, FROM AN AQUEOUS PHASE, AND A DEVICE FOR CARRYING OUT THIS METHOD

Title (de)
VERFAHREN ZUM ABTRENNEN VON ALGEN, INSBESONDERE MIKROALGEN AUS EINER WÄSSRIGEN PHASE UND EINE VORRICHTUNG ZUR DURCHFÜHRUNG DIESES VERFAHRENS

Title (fr)
PROCÉDÉ DE SÉPARATION D'ALGUES, NOTAMMENT DE MICROALGUES D'UNE PHASE AQUEUSE, ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCÉDÉ

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Application
EP 12813287 A 20121120

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Abstract (en)
[origin: WO2013076072A2] The present invention relates to a method for separating algae, in particular microalgae, from an aqueous phase, having the method steps: a) addition of at least one clay mineral, in particular an alternating-layer clay mineral, to the aqueous, algae-containing phase, and mixing the same, b) sedimentation of the resultant aqueous suspension of algae and clay mineral, forming an aqueous supernatant, and c) separating the sediment of algae and clay mineral from the aqueous supernatant. In addition, the invention relates to a device for carrying out this method.

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Citation (examination)
WO 2011000931 A1 20110106 - UNIV ERNST MORITZ ARNDT [DE], et al

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