

Title (en)

METHOD FOR LIBERATING, IN AQUEOUS PHASE, SUBSTANCES WHICH ARE IMPOSSIBLE OR DIFFICULT TO BIODEGRADE FROM A COMPOUNDED MATERIAL WHICH IS NOT SOLUBLE IN WATER

Title (de)

VERFAHREN ZUR FREISETZUNG EINER NICHT ODER NUR SCHWER BIOLOGISCH ABBAUBAREN SUBSTANZ IN EINER WÄSSRIGEN PHASE AUS EINEM ZUSAMMENGESetzten WASSERUNLÖSLICHEN MATERIAL

Title (fr)

PROCEDE PERMETTANT DE LIBERER DANS UNE PHASE AQUEUSE UNE OU PLUSIEURS SUBSTANCES IMPOSSIBLES OU DIFFICILES A BIODEGRADER, PRESENTES DANS UNE MATIERE COMPOSEE NON HYDROSOLUBLE

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Application

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Abstract (en)

[origin: WO9929633A1] The invention relates to a method for liberating, in an aqueous phase, substance(s) which is/are impossible, or difficult, to biodegrade from compounded material which is not soluble in water and comprises this/these substance(s) fixed to, or enclosed in, an organic substance, by bringing the compounded material in an aqueous phase into contact with matter which is suitable for liberating the substance(s) in question, in which method the said matter consumes the organic substance while liberating, in the aqueous phase, the substance(s) which is/are impossible, or difficult, to biodegrade, and if desired separating off the substance(s) which has/have been liberated in the aqueous phase in this way. Preferably, the matter which is suitable for liberating the substance(s) in question is selected from the group consisting of microorganisms, bacteria, predators, protozoa and enzymes, while the compounded material which contains the substance(s) which is/are impossible, or difficult, to biodegrade is advantageously brought into contact, in a membrane bioreactor, with matter which is suitable for liberating this/these substance(s).

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