

Title (en)

PROCESS FOR SEPARATING A HYDROPHOBIC LIQUID FROM A LIQUID CONTAMINATED THEREWITH.

Title (de)

VERFAHREN ZUR ABTRENNUNG EINER HYDROPHOBEN FLÜSSIGKEIT AUS EINER DAMIT VERUNREINIGTEN FLÜSSIGKEIT.

Title (fr)

PROCEDE DE SEPARATION D'UN LIQUIDE HYDROPHOBE CONTAMINANT PRESENT DANS UN LIQUIDE.

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Application

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Priority

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Abstract (en)

[origin: WO9408902A1] Disclosed herein is a process for separating a hydrophobic liquid from a substantially polar medium through the application of expanded graphite particles. Upon contacting the hydrophobic liquid floating agglomerates of expanded graphite and hydrophobic liquid are formed which may easily be removed from the polar liquid by mechanical means. Following the removal of the agglomerates from the polar medium, the hydrophobic liquid may be separated with little effort and recycled. Further, the adsorptive properties of the expanded graphite can be regenerated allowing the material to be used repeatedly. The present invention is particularly useful for removing liquid hydrocarbons from contaminated bodies of water.

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