Title (en)

METHOD FOR PREPARING A NEW COMPOSITE MATERIAL WITH IMPROVED EFFICIENCY AND SAID NEW COMPOSITE MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES NEUEN ZUSAMMENGESETZTEN MATERIALS MIT VERBESSERTER EFFIZIENZ UND DAS NEUE ZUSAMMENGESETZTE MATERIAL

Title (fr)

PROCEDE DESTINE A PREPARER UNE NOUVELLE MATIERE COMPOSITE PRESENTANT UNE EFFICACITE AMELIOREE, ET NOUVELLE MATIERE COMPOSITE AINSI OBTENUE

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Application

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Abstract (en)

[origin: WO03048858A1] The present invention relates to a new composite material with improved efficiency during its use in effluent treatment methods, in particular for treating photographic effluents. Said composite material is obtained by preparing an aluminosilicate organic-inorganic polymer comprising at least on the surface an organic radical having an -SH or -S(-CH2)n S- function, with n being between 0 and 4, and by placing the resulting aluminosilicate organic-inorganic polymer in contact with an aqueous solution containing tin (II) ions. The present invention further relates to an effluent treatment method that comprises placing the composite material according to the invention in contact with said effluent.

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