

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

Publication

EP 1454188 A1 20040908 (EN)

Application

EP 02787720 A 20021118

Priority

- EP 0212910 W 20021118
- FR 0115566 A 20011203

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.

IPC 1-7

G03C 5/395

IPC 8 full level

G03C 5/00 (2006.01); **B01J 20/22** (2006.01); **C01B 33/40** (2006.01); **C02F 1/28** (2006.01); **C08G 79/10** (2006.01); **G03C 5/395** (2006.01)

CPC (source: EP)

G03C 5/395 (2013.01)

Citation (search report)

See references of WO 03048858A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03048858 A1 20030612; AU 2002352047 A1 20030617; EP 1454188 A1 20040908; FR 2832998 A1 20030606; FR 2832998 B1 20040116; JP 2005511824 A 20050428

DOCDB simple family (application)

EP 0212910 W 20021118; AU 2002352047 A 20021118; EP 02787720 A 20021118; FR 0115566 A 20011203; JP 2003549991 A 20021118