

Title (en)

METHOD FOR REDUCING SLUDGE USING A POPULATION OF OLIGOCHAETA HELD IN A REACTOR, A DEVICE THEREFOR, AND THE USE OF NESTLING OLIGOCHAETA FOR REDUCING SLUDGE IN A REACTOR

Title (de)

VERFAHREN ZUR VERRINGERUNG VON SCHLAMM UNTER VERWENDUNG EINER IN EINEM REAKTOR GEHALTENEN POPULATION VON OLIGOCHAETA, VORRICHTUNG DAFÜR UND DIE VERWENDUNG VON NISTENDEN OLIGOCHAETA ZUR VERRINGERUNG VON SCHLAMM IN EINEM REAKTOR

Title (fr)

PROCÉDÉ DE RÉDUCTION DE LA BOUE À L'AIDE D'UNE POPULATION D'OLIGOCHAETA CONSERVÉE DANS UN RÉACTEUR, DISPOSITIF CORRESPONDANT, ET UTILISATION D'UNE COLONIE D'OLIGOCHAETA POUR RÉDUIRE LA BOUE DANS UN RÉACTEUR

Publication

EP 1855998 A1 20071121 (EN)

Application

EP 06716619 A 20060214

Priority

- NL 2006000076 W 20060214
- NL 1028290 A 20050216

Abstract (en)

[origin: WO2006088356A1] The invention relates to a method for reducing sludge, comprising steps for: i) holding a population of oligochaeta in a reactor, in a reactor medium flowing through the reactor, under conditions which are optimal for oligochaeta in respect of metabolism and reproduction; and ii) adding sludge to the reactor medium, to a device for performing the method, comprising a reactor, means for supplying and discharging reactor medium and sludge, and a carrier suitable for carrying nestling oligochaeta, and to the use of nestling oligochaeta, preferably Aulophorus furcatus, in the reduction of sludge in a reactor.

IPC 8 full level

C02F 3/32 (2006.01); **C02F 11/02** (2006.01)

CPC (source: EP)

C02F 3/32 (2013.01); **C02F 11/02** (2013.01); **C02F 2303/06** (2013.01); **Y02W 10/20** (2015.05)

Citation (search report)

See references of WO 2006088356A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006088356 A1 20060824; EP 1855998 A1 20071121; NL 1028290 C2 20060817

DOCDB simple family (application)

NL 2006000076 W 20060214; EP 06716619 A 20060214; NL 1028290 A 20050216