

Title (en)

PROCESS FOR ANAEROBIC DIGESTION OF CARBONACEOUS MATERIAL

Title (de)

VERFAHREN ZUM ANAEROBEN ABBAU VON KOHLENSTOFFHALTIGEM MATERIAL

Title (fr)

PROCÉDÉ DE DIGESTION ANAÉROBIE DE MATIÈRE CARBONÉE

Publication

EP 4003921 A1 20220601 (EN)

Application

EP 20742773 A 20200724

Priority

- US 201962879694 P 20190729
- US 201962903138 P 20190920
- EP 20305667 A 20200618
- EP 2020070991 W 20200724

Abstract (en)

[origin: WO2021018780A1] The invention concerns a process of treatment of carbonaceous material, such as wastewater sludge or organic waste, comprising the steps of : (1) performing a thermal treatment of said carbonaceous material, thereby providing thermally treated carbonaceous material, (2) cooling of said thermally treated carbonaceous material, thereby providing cooled carbonaceous material, and (3) performing a post-treatment of said cooled carbonaceous material, wherein the cooling of step 2) is performed using a vacuum cooling step.

IPC 8 full level

C02F 9/00 (2006.01); **B01D 3/10** (2006.01); **C02F 3/28** (2006.01)

CPC (source: EP)

B01D 3/06 (2013.01); **B01D 3/10** (2013.01); **B01D 5/006** (2013.01); **C02F 9/00** (2013.01); **C02F 11/04** (2013.01); **C02F 11/18** (2013.01); **C02F 3/28** (2013.01)

Citation (search report)

See references of WO 2021018780A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021018780 A1 20210204; AU 2020322315 A1 20220310; CO 2022001321 A2 20220429; EP 4003921 A1 20220601; MX 2022001315 A 20220511

DOCDB simple family (application)

EP 2020070991 W 20200724; AU 2020322315 A 20200724; CO 2022001321 A 20220209; EP 20742773 A 20200724; MX 2022001315 A 20200724