Title (en)
A METHOD FOR THE TREATMENT OF BIOSLUDGE

Title (de)
VERFAHREN ZUR BEARBEITUNG VON BIOSCHLAMM

Title (fr)
PROCÉDÉ DE TRAITEMENT DE BOUES BIOLOGIQUES

Publication
EP 3752467 A1 20201223 (EN)

Application
EP 19709542 A 20190211

Priority
- FI 20185144 A 20180216
- FI 2019050100 W 20190211

Abstract (en)
[origin: WO2019158813A1] A method for the treatment of biosludge (1) is disclosed, wherein the biosludge comprises cellular structures. The method may comprise mixing the biosludge with an acid (2) to obtain a mixture (3); breaking the cellular structures of the biosludge in the mixture at least partially; and separating a solid phase (4) from the mixture, thereby obtaining a product (5) comprising the solid phase. A product (5) comprising the solid phase (4) obtainable by the method and a system (9) for the treatment of biosludge (1) are also disclosed.

IPC 8 full level
C02F 1/66 (2006.01); B01F 7/00 (2006.01); C02F 1/00 (2006.01); C02F 1/02 (2006.01); C02F 1/38 (2006.01); C02F 1/52 (2006.01); C02F 11/122 (2019.01); C02F 11/127 (2019.01); C02F 11/13 (2019.01); C02F 103/28 (2006.01)

CPC (source: EP FI US)
B01F 27/411 (2022.01 - EP); C02F 1/66 (2013.01 - EP US); C02F 11/121 (2013.01 - FI); C02F 11/122 (2013.01 - EP US); C02F 11/127 (2013.01 - EP US); C02F 11/13 (2018.12 - EP US); C02F 11/143 (2018.12 - FI); C05F 7/00 (2013.01 - FI); B01F 2215/0481 (2013.01 - EP); C02F 1/004 (2013.01 - EP); C02F 1/02 (2013.01 - EP); C02F 1/38 (2013.01 - EP); C02F 1/52 (2013.01 - EP); C02F 2103/28 (2013.01 - EP); C02F 2303/06 (2013.01 - EP)

Citation (search report)
See references of WO 2019158813A1

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 2019158813 A1 20190822; EP 3752467 A1 20201223; FI 130365 B 20230726; FI 20185144 A1 20190817; UY 38099 A 20191001

DOCDB simple family (application)
FI 2019050100 W 20190211; EP 19709542 A 20190211; FI 20185144 A 20180216; UY 38099 A 20190215