Title (en)

A METHOD AND AN ARRANGEMENT FOR WASTEWATER SLUDGE TREATMENT IN A WASTEWATER SLUDGE HANDLING PROCESS

Title (de)

VERFAHREN UND ANORDNUNG ZUR KLÄRSCHLAMMBEHANDLUNG IN EINEM KLÄRSCHLAMMBEARBEITUNGSVERFAHREN

Title (fr)

PROCÉDÉ ET AGENCEMENT POUR TRAITEMENT DE BOUES D'ÉPURATION DANS UN PROCESSUS DE TRAITEMENT DE BOUES D'ÉPURATION

Publication

EP 2683661 A1 20140115 (EN)

Application

EP 12757320 A 20120308

Priority

• FI 20115245 A 20110311
• FI 2012050228 W 20120308

Abstract (en)

[origin: WO2012123632A1] The present invention relates to the field of wastewater treatment, and more particularly to a method and an arrangement for wastewater sludge treatment in a wastewater sludge handling process. An arrangement for wastewater sludge treatment in a wastewater sludge handling process according to the present invention has a pipe channel (11), through which pipe channel (11) a specified portion of the wastewater sludge is lead through, which pipe channel (11) has a cross section of an essentially regular polygon, and which pipe channel (11) has vibration elements (12-17), (18-21) arranged essentially side-by-side and uniformly bonded to the wall on each side of the pipe channel (11), said vibration elements (12- 17), (18-21) providing a mode of vibration, where essentially all of the side wall of the pipe channel vibrate with a uniform forth and back movement.

IPC 8 full level

B01J 19/10 (2006.01); **C02F 1/36** (2006.01); **C02F 11/04** (2006.01); C02F 11/12 (2019.01)

CPC (source: EP FI US)

B01J 19/10 (2013.01 - EP); **C02F 1/36** (2013.01 - EP US); **C02F 11/00** (2013.01 - FI); **C02F 11/04** (2013.01 - EP); **G10K 15/043** (2013.01 - EP); B01J 2219/192 (2013.01 - EP); B01J 2219/1928 (2013.01 - EP); C02F 11/12 (2013.01 - EP US); C02F 2301/043 (2013.01 - EP); C02F 2303/06 (2013.01 - EP)

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

DOCDB simple family (publication)

WO 2012123632 A1 20120920; EP 2683661 A1 20140115; EP 2683661 A4 20140813; FI 123956 B 20140115; FI 20115245 A0 20110311; FI 20115245 A 20120912

DOCDB simple family (application)

FI 2012050228 W 20120308; EP 12757320 A 20120308; FI 20115245 A 20110311