

Title (en)  
METHOD FOR REDUCING THE AMOUNT OF CHLORATE IN WASTEWATER

Title (de)  
VERFAHREN ZUR REDUZIERUNG DER CHLORATMENGE IN ABWASSER

Title (fr)  
PROCÉDÉ DE RÉDUCTION DE LA QUANTITÉ DE CHLORATE DANS LES EAUX USÉES

Publication  
EP 4313879 A1 20240207 (EN)

Application  
EP 22712956 A 20220321

Priority

- FI 20215350 A 20210326
- FI 2022050181 W 20220321

Abstract (en)  
[origin: WO2022200683A1] A method for reducing the amount of chlorate in wastewater treated in a wastewater treatment process (1) is disclosed. The wastewater treatment process is operated using a system comprising an equalization basin (5, 6, 7) to which at least a part of the wastewater (8, 9) is fed during the wastewater treatment process, and the method comprises adjusting the conditions in the equalization basin (5, 6) to which the at least the part of the wastewater is fed so as to maintain conditions suitable for the reduction of chlorate in the at least the part of the wastewater, such that the chlorate is at least partially reduced in the equalization basin.

IPC 8 full level  
C02F 1/70 (2023.01); C02F 1/66 (2023.01); C02F 3/02 (2023.01); C02F 3/28 (2023.01); C02F 101/12 (2006.01); C02F 103/28 (2006.01); C02F 103/30 (2006.01)

CPC (source: EP FI)  
C01B 11/14 (2013.01 - FI); C02F 1/58 (2013.01 - FI); C02F 1/70 (2013.01 - EP FI); C02F 3/28 (2013.01 - EP); C02F 1/66 (2013.01 - EP); C02F 3/02 (2013.01 - EP); C02F 2101/12 (2013.01 - EP); C02F 2103/28 (2013.01 - EP); C02F 2103/30 (2013.01 - EP); C02F 2303/02 (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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
WO 2022200683 A1 20220929; BR 112023019470 A2 20231205; CL 2023002819 A1 20240308; EP 4313879 A1 20240207; FI 130296 B 20230607; FI 20215350 A1 20220927; UY 39700 A 20221031

DOCDB simple family (application)  
FI 2022050181 W 20220321; BR 112023019470 A 20220321; CL 2023002819 A 20230922; EP 22712956 A 20220321; FI 20215350 A 20210326; UY 39700 A 20220328