

Title (en)

SYSTEM, AND METHOD FOR CONTINUOUS PROCESS CONTROL OF WATER CONTAMINANT SEPARATION PROCESS

Title (de)

SYSTEM UND VERFAHREN ZUR KONTINUIERLICHEN PROZESSSTEUERUNG EINES
WASSERVERUNREINIGUNGSABSCHEIDUNGSVERFAHRENS

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE DE PROCESSUS CONTINU D'UN PROCESSUS DE SÉPARATION DE CONTAMINANTS AQUEUX

Publication

EP 4013720 A4 20221005 (EN)

Application

EP 21791583 A 20210419

Priority

- US 202063013070 P 20200421
- IL 2021050442 W 20210419

Abstract (en)

[origin: WO2021214755A1] Disclosed herein are a computer system, method and computer program product designed to be utilized for continuously maintaining a required quality of an aqueous medium undergoing a contaminant separation process, wherein the required quality is maintained according to an analysis of a digital image depicting the aqueous medium. The required quality maintenance can be performed through constant control over the dosage rates of chemical additives determined based at least in part on the analysis of the digital image depicting the aqueous medium.

IPC 8 full level

C02F 1/00 (2006.01); **B01D 21/00** (2006.01); **G01N 15/00** (2006.01); **G06N 3/00** (2006.01); **G06T 7/00** (2017.01)

CPC (source: EP)

B03D 3/00 (2013.01); **C02F 1/008** (2013.01); **G01N 15/06** (2013.01); **G01N 15/1429** (2013.01); **G01N 15/1433** (2024.01); **G01N 33/18** (2013.01); **G06N 3/045** (2023.01); **G06N 3/084** (2013.01); **B01D 21/01** (2013.01); **C02F 1/5245** (2013.01); **C02F 1/56** (2013.01); **C02F 1/66** (2013.01); **C02F 2209/006** (2013.01); **G01N 15/075** (2024.01); **G01N 2015/0053** (2013.01); **G01N 2015/0092** (2013.01); **G06N 7/01** (2023.01)

Citation (search report)

- [X] JP H0483503 A 19920317 - HITACHI LTD
- [X] JP 2020025943 A 20200220 - SWING CORP
- See references of WO 2021214755A1

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 2021214755 A1 20211028; EP 4013720 A1 20220622; EP 4013720 A4 20221005

DOCDB simple family (application)

IL 2021050442 W 20210419; EP 21791583 A 20210419