

Title (en)  
SYSTEMS AND METHODS FOR ONLINE CONTROL OF A CHEMICAL TREATMENT SOLUTION USING SCALE SATURATION INDICES

Title (de)  
SYSTEME UND VERFAHREN ZUR ONLINE-STEUERUNG EINER CHEMISCHEN BEHANDLUNGSLÖSUNG UNTER VERWENDUNG VON KESSELSTEINSÄTTIGUNGSINDIZES

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE COMMANDE EN LIGNE DE SOLUTION DE TRAITEMENT CHIMIQUE À L'AIDE D'INDICES DE SATURATION EN TARTRE

Publication  
**EP 4396139 A1 20240710 (EN)**

Application  
**EP 21956241 A 20210902**

Priority  
US 2021048843 W 20210902

Abstract (en)  
[origin: WO2023033825A1] Systems and methods for applying a chemical treatment solution to a process stream in an industrial processing system while the system is online. The method includes measuring a real-time pH of the process stream, determining a dosage of the chemical treatment solution based on a relationship between the dosage and a scale saturation parameter that is calculated based on the real-time pH of the process stream, and controlling application of the chemical treatment solution to the process stream based on the determined dosage.

IPC 8 full level  
**C02F 5/00** (2023.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2023033825A1

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Designated extension state (EPC)  
BA ME

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KH MA MD TN

DOCDB simple family (publication)  
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