

Title (en)  
SYSTEM FOR TREATING BIO-CONTAMINATED WASTEWATER AND PROCESS FOR DECONTAMINATING A WASTEWATER SOURCE

Title (de)  
SYSTEM ZUR BEHANDLUNG VON BIOKONTAMINIERTEM ABWASSER UND VERFAHREN ZUR DEKONTAMINIERUNG EINER ABWASSERQUELLE

Title (fr)  
SYSTÈME DE TRAITEMENT D'EAUX USÉES BIO-CONTAMINÉES ET PROCESSUS DE DÉCONTAMINATION D'UNE SOURCE D'EAUX USÉES

Publication  
**EP 4168145 A1 20230426 (EN)**

Application  
**EP 21837879 A 20210707**

Priority  

- US 202016922189 A 20200707
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- US 2021040692 W 20210707

Abstract (en)  
[origin: WO2022011016A1] A system and process for decontaminating a bio-contaminated wastewater fluid as from a slaughterhouse or similar facility. The system and process recovers purified vapor/steam through a decontamination unit having a plurality of alternating rotating trays and fixed baffles in a processing vessel producing separate purified and contaminant streams. One or more filter/strainer units are disposed in parallel before the decontamination unit, and may be used alternately while the other is cleaned. A rotating shaft connected to the rotating trays may also be connected to an electrical generator to provide electricity for circuits and controls in the system.

IPC 8 full level  
**B01D 1/22** (2006.01); **B01D 3/08** (2006.01); **C02F 1/04** (2023.01); **C02F 1/08** (2023.01)

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**US 2021040692 W 20210707**; AU 2021305618 A 20210707; AU 2021306976 A 20210617; BR 112023000285 A 20210707; BR 112023000318 A 20210617; CA 3185117 A 20210617; CA 3185132 A 20210707; CL 2023000054 A 20230105; CL 2023000055 A 20230105; CN 202180055146 A 20210617; CN 202180055197 A 20210707; CO 2023001095 A 20230131; CO 2023001096 A 20230131; EP 21837879 A 20210707; EP 21838050 A 20210617; IL 29972723 A 20230105; IL 29972923 A 20230105; KR 20237004241 A 20210617; KR 20237004259 A 20210707; MX 2023000400 A 20210707; MX 2023000402 A 20210617; US 2021037795 W 20210617