

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

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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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