

Title (en)

SYSTEM AND METHOD FOR PURIFYING FAECAL-FREE AND SURFACTANT-CONTAINING DOMESTIC WASTEWATER

Title (de)

ANLAGE UND VERFAHREN ZUM REINIGEN VON FÄKALIENFREIEM UND TENSIDHALTIGEM HAUSHALTSABWASSER

Title (fr)

INSTALLATION ET PROCÉDÉ POUR LA PURIFICATION D'EAUX USÉES DOMESTIQUES EXEMPTES DE MATIÈRES FÉCALES ET CONTENANT DES AGENTS TENSIOACTIFS

Publication

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Application

**EP 19753341 A 20190812**

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Abstract (en)

[origin: WO2020035450A1] The invention relates to a system and to a method for purifying faecal-free and surfactant-containing domestic wastewater, in particular grey water and kitchen wastewater. An electrochemical treatment unit (3) and a device for introducing gas (11, 12, 14) are provided. Furthermore, at least two dirty water tanks (1, 21) are present, wherein domestic wastewater to be purified is fed to the first dirty water tank (21) from at least one first consumer, and wherein domestic wastewater to be purified is fed to the second dirty water tank (1) from at least one second consumer. In addition, at least two clear water tanks are present, wherein the purified domestic wastewater originating from the first dirty water tank is fed to the first clear water tank (22), and wherein the purified domestic wastewater originating from the second dirty water tank is fed to the second clear water tank (6).

IPC 8 full level

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