

Title (en)

DEVICE AND METHOD FOR PURIFICATION OF WASTE WATER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REINIGUNG VON ABWASSER

Title (fr)

DISPOSITIF ET PROCEDE D'EPURATION DES EAUX USEES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0102307A1] The sewage from single homes or small agglomerations can be treated in a miniaturised water purification plant (1), consisting of an aerobic, biological purification step (7), surrounded by at least one sedimentation step (4 and 5). The aerobic biological purification step preferably takes place in an exchangeable bio-reactor cassette (14) having at least two filter beds (18 and 23) with an intermediate discontinuity or gap (22) for aeration. The bio-reactor can also be assembled from standardised segments of filter material, enclosed in a permeable, synthetic or organic mesh/cloth and optionally supported on a support structure, fitted into the space (7).

IPC 1-7

C02F 3/00; **C02F 1/34**

IPC 8 full level

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