

Title (en)
FIXED-BED REACTOR FOR THE BIOLOGICAL TREATMENT OF SEWAGE.

Title (de)
FESTBETTREAKTOR ZUR BIOLOGISCHEN BEHANDLUNG VON ABWÄSSERN.

Title (fr)
REACTEUR A LIT FIXE POUR LE TRAITEMENT BIOLOGIQUE DES EAUX USEES.

Publication
EP 0588842 A1 19940330 (DE)

Application
EP 92911172 A 19920605

Priority
DE 4118927 A 19910608

Abstract (en)
[origin: DE4118927A1] Described is a fixed-bed reactor with at least two tiers for the biological treatment of sewage. The reactor comprises a container containing substrate material, held firmly in place, for microorganisms, the liquid to be purified flowing past this substrate material. The substrate material consists of flat, straight, curved or tubular elements, and the direction of flow of the liquid is parallel to the largest-area surfaces of these elements.

Abstract (fr)
Réacteur à lit fixe comportant au moins deux étages pour le traitement biologique des eaux usées, ce réacteur étant un récipient contenant un support fixe pour micro-organismes, le liquide à purifier circulant autour de ce support. Ledit support est constitué d'éléments plats, rectilignes, recourbés ou tubulaires et le sens de l'écoulement du liquide est parallèle aux plus grandes surfaces des éléments.

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CPC (source: EP)
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