

Title (en)

APPARATUS AND METHOD FOR WASTEWATER TREATMENT WITH ENHANCED SOLIDS REDUCTION (ESR)

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ABWASSERBEHANDLUNG MIT VERSTÄRKTER FESTSTOFFREDUKTION (ESR)

Title (fr)

APPAREIL ET PROCEDE DE TRAITEMENT DES EAUX USEES PAR LA TECHNIQUE DE REDUCTION DE SOLIDES AMELIOREE (ESR)

Publication

EP 1412293 A4 20050601 (EN)

Application

EP 01979567 A 20011005

Priority

- US 0131411 W 20011005
- US 23887800 P 20001006

Abstract (en)

[origin: WO0228780A2] A wastewater treatment process that provides improved reduction of total solids through endogenous respiration while reducing biochemical oxygen demand and utilizing biological nutrient reduction. The wastewater treatment process uses an efficient aeration delivery system to drastically reduce the time needed to oxidize organic matter, and re-circulates, shreds and homogenizes the organic matter and microorganisms and oxygenates the entire mass many more times than traditional systems resulting in a greater biological solids digestion rate.

IPC 1-7

C02F 3/30

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] US 5616240 A 19970401 - SONNENREIN UWE [DE]
- See references of WO 0228780A2

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