

Title (en)

IMPROVED WASTEWATER TREATMENT PROCESS

Title (de)

VERBESSERTES VERFAHREN ZUR BEHANDLUNG VON ABWASSER

Title (fr)

PROCEDE AMELIORE POUR LE TRAITEMENT DES EAUX USEES

Publication

EP 0743927 A4 19980429 (EN)

Application

EP 95902392 A 19941017

Priority

- AU 1127195 A 19941017
- AU 3574899 A 19990618
- OA 60894 A 19960924
- US 9411796 W 19941017

Abstract (en)

[origin: WO9611884A1] In a wastewater treatment process, wastewater passes through an aerobic biological oxidation zone (12) for oxidizing BOD and converting ammonia nitrogen to nitrate. The effluent is passed to an aerobic mixing zone (16) and mixed with effluent from an anaerobic/anoxic zone (20) receiving sludge from a settling zone (24). Alternatively, an anoxic and/or anaerobic zone may be provided between the oxidation zone and aerobic mixing zone for receiving sludge, fermented sludge, or effluent from the anaerobic/anoxic zone for phosphorous removal.

IPC 1-7

C02F 3/30

IPC 8 full level

C02F 3/04 (2006.01); **C02F 3/08** (2006.01); **C02F 3/30** (2006.01)

CPC (source: EP)

C02F 3/04 (2013.01); **C02F 3/308** (2013.01); **C02F 3/082** (2013.01); **Y02W 10/10** (2015.05)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9611884A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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